

**Draft Hydrology Report
for the
Proposed Horse Creek Controlled Groundwater Area**

October 10, 2007

Prepared For:

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ABSTRACT

This report was prepared in support of the petition by the Horse Creek Water Users, Inc. (HCWU), to the Montana Department of Natural Resources and Conservation for designation of the existing Temporary Controlled Ground Water Area (CGWA) as a Permanent CGWA. The DNRC issued an order on February 12, 2004, establishing the Horse Creek Temporary Controlled Groundwater Area, covering 4,600 acres near Absarokee. New groundwater users within this area have been required to obtain permits prior to drilling for and using groundwater, with testing and monitoring requirements. The Temporary CGWA was established in part to obtain additional hydrologic data on the Tongue River and Tullock Member aquifers within the Fort Union formation, along with associated springs and streams. Monitoring of water wells, springs and stream flows has been ongoing. This report provides these monitoring data along with a hydrologic analysis directed at the criteria for CGWAs provided under 85-2-506 MCA. The Horse Creek CGWA is proposed to be expanded to approximately 7,500 acres to incorporate the contiguous hydrogeologic boundary of the Tullock aquifer surrounding Horse Creek.

ACKNOWLEDGEMENTS

The Horse Creek Water Users, Inc. led the effort to establish the initial Temporary CGWA in 2003, and have performed most of the monitoring and data collection analyzed in this report. Their efforts were guided by hydrologists from HydroSolutions Inc, and the Montana Department of Natural Resources and Conservation (DNRC). DNRC hydrogeologists and staff assisted in data collection. A 319 Grant from the DNRC was used to install two monitoring wells, install monitoring equipment and collect some of the data contained herein. The interpretations in this report are those of HydroSolutions Inc.

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**THE HORSE CREEK CONTROLLED GROUNDWATER AREA
HYDROLOGIC EVALUATION**
October 2001 – September 2007

Prepared for
Horse Creek Water Users, Inc.
By
HydroSolutions Inc

October 10, 2007

INTRODUCTION

HydroSolutions Inc (HSI) was retained by the Horse Creek Water Users, Inc (HCWU) in 2001 to assist them in providing hydrologic and geologic assessments to support their initial petition for a Controlled Groundwater Area (CGWA), pursuant to Montana Code Annotated 85-2-507. This effort culminated in a Hearing conducted by the Montana Department of Natural Resources and Conservation (DNRC) on October 9, 2003 in Columbus, Montana. Mr. Jack Stultz, Administrator for the Water Resources Division issued an Order designating the Horse Creek Temporary CGWA on February 12, 2004. The CGWA covered 4,600 acres within a designated area in and around the Horse Creek watershed, a tributary of Rosebud Creek, Stillwater County, Montana. The Horse Creek CGWA is proposed to be expanded to approximately 7,500 acres to incorporate the contiguous hydrogeologic boundary of the Tullock aquifer surrounding Horse Creek.

The primary purpose of the Temporary CGWA designation was to allow for the collection of more hydrologic data. The HCWUs have conducted additional monitoring of groundwater, springs and streams in and around the CGWA from 2003 to September 2007. Additional monitoring has been conducted by DNRC hydrogeologists and staff, and by HydroSolutions. This report provides an analysis and summary of the data collected in support of the HCWUs petition for permanent status.

METHODS

The HCWUs collected most of the water monitoring and sampling data contained in this report. Their methods of collection were guided by experienced hydrogeologists from HydroSolutions, whose hydrologic data collection methods have been approved in written Sampling and Analysis Plans by the Montana Department of Environmental Quality. DNRC hydrogeologists are also experienced in collection of hydrologic data and are recognized experts for the State of Montana. A HydroSolutions hydrogeologist directed the drilling, logging and installations of the State Section and Rex Monitoring

Wells. Methods of data analyses are generally referenced in the following text, tables and figures.

Other relevant data and evaluation methods conducted for the 2003 Summary Report (HydroSolutions, 2003) are summarized below.

- A previous hydrogeologic assessment of the Horse Creek area by John Sonderegger, PhD. was reviewed.
- The Crow Chief Subdivision Groundwater Study (Aquoneering, 1998) and results of aquifer testing were reviewed, and those observations considered in light of the HCWU.
- Water well logs and water quality results for the area were obtained from the GWIC system (Montana Bureau of Mines & Geology, on-line). Well logs were correlated to geologic strata, and reported water level elevations checked with respect to springs and Horse Creek.
- The geologic maps of the area (Lopez, 2000 and 2001) were obtained and geologic contacts and faults were correlated to spring and well locations and field observations.
- The potential hydrologic connection between aquifers, and between groundwater and Horse Creek was evaluated using hydrogeologic and water quality indicators.
- The available data on the flow in Horse Creek was assembled and graphed.
- The available data on the flows of springs in the Horse Creek area was assembled and graphed, along with precipitation.
- Water quality data available for the Horse Creek, springs and wells was obtained, summarized and graphed.
- Water quality data were examined for characteristics and trends in salinity, sodicity, common ions, and dissolved metals, according to aquifer and position in the groundwater flow system.
- Water quality data were checked for sodium content and the sodium adsorption ratio, as an indication of irrigation suitability.
- Possible recharge areas for the Tongue River Member aquifer and Tullock aquifer were evaluated from the watershed area map and geologic map.
- An Estimate of the Recharge and Discharge of the Tongue River and Tullock Aquifers was made.

The information in the report, tables, figures and Appendices is organized by: a) Precipitation, b) Groundwater level data, c) Spring flow data, d) Stream flow data, e) Water quality data, f) Water Rights data, and g) Analysis. The findings of the 2003 Summary Report (HydroSolutions, 2003) are included below, followed by new or updated findings based on the monitoring and analyses of the past four years.

PRECIPITATION

Monthly precipitation at the National Weather Service Coop station at Fishtail, Montana are plotted in Figure 1. Annual precipitation amounts by water year are given in Table 1. Every year since 1997, except 2005, has experienced below normal precipitation (18.82 inches). As shown in Figure 2, the cumulative departure from normal over the past 10 years is nearly minus 50-inches since 1997.

As is evident in the trends of groundwater levels, spring flows and stream flows discussed later, precipitation appears to be the single most significant natural variable affecting the availability of water to users in the Horse Creek CGWA. This is especially true for users of springs and of Horse Creek surface waters which are more dependent on maintenance of natural gradients to drive water to the points of discharge.

GROUNDWATER LEVELS

The DNRC memorandum (Levens, 2003) containing the analysis of the information and testimony presented at the October 2003 Hearing indicated that there were insufficient water level and flow data to evaluate criteria under 85-2-506 MCA definitively. Thus the HCWUs collected extensive additional groundwater level data from 2003 to 2007. Their work included installation and maintenance of two electronic recording water level transducers installed in the State Section and Rex Monitoring Wells. They also conducted routine groundwater level monitoring in seven private wells throughout the CGWA. The DNRC installed recording electronic transducers in the Borland #1 and Borland #2 wells, and installed five piezometers along Horse Creek. The groundwater level data are displayed in Figures 2 through 8, and in Appendix A. Daily precipitation data are concurrently graphed. The precipitation data were obtained from the Western Regional Climate Center, and from the U.S. Weather Bureau web site.

Water level data shown in these figures was analyzed to obtain estimates of annual groundwater recharge and compared to the corresponding annual precipitation. See the ANALYSIS section for results.

SPRING FLOWS

Spring flows were measured at regular intervals at 12 sites by the HCWUs beginning in April 2004. Six of these had additional infrequent monitoring going back to October 2001. A composite chart showing all spring discharge measurements is provided in Figure 9, in logarithmic scale, and in Figure 10, in arithmetic scale. More detailed charts of the individual springs are given in Appendix B.

Inspection of the spring hydrograph indicates that all springs appear to react quickly to significant precipitation events, particularly the very large May 2005 event. Five springs had reasonably stable flows of 1 gpm or more, including Rex 2, Rex 3, Gravel Pit, Flanagan and Zook Springs. Others appear less stable and occasionally go dry. HCWUs report that dry springs, intermittent flow and low flows in springs over the past 10 years is one of their major problems for livestock operations.

HORSE CREEK FLOW

The flow in Horse Creek has been measured periodically by HCWU with a V-notch weir once in 1996, and periodically in 2002, 2003, and 2004 through 2007, at a location known as the Chandler weir. Flow measurements were also collected by Borland in 1999 and 2001. DNRC installed a flume on Horse Creek just upstream of the Chandler weir and on the tributary to Horse Creek below the Zook Spring. The DNRC period of record begins in April 2004 and ends in August 2007, however, data for the flume on Horse Creek are very sparse and do not allow updated seasonal or annual flow estimates to be made.

Based on the data available in 2003, the previous estimate of the average discharge of Horse Creek was 25.4 gpm at the Chandler weir. Based on 32 measurements from 2003 through 2007, the average flow was 36.6 gpm at the Chandler weir. The range of measured flows have been zero to 407 gpm in June 2005.

WATER QUALITY

Water quality samples have been collected at approximately 33 locations by HCWU from 2002 through 2007. Since 2003, sampling expanded to include more private wells throughout the proposed CGWA, and the two new monitoring wells (State Section and Rex wells). The 2003 Summary Report found that sodium and conductivity were the two most diagnostic parameters with respect to water source. Wells and springs obtaining all or a portion of water from the Tullock aquifer had higher sodium and somewhat greater conductivity than those obtaining water from the Tongue River member aquifer. The additional sampling since 2003 generally appear to confirm this. Some waters, such as Horse Creek appear to be mixtures of sources. The sodium concentration of Horse Creek increases from about 12 mg/l upstream to from 30 to 40 mg/l downstream. Graphs of conductivity and sodium trends are provided in Figures 14 through 19. A compendium of all water quality data collected by HCWU is provided in Appendix C.

WATER USE AND WATER RIGHTS

HCWU's estimates of water use in the proposed CGWA are indicated in Tables 3, 4, and 5. These estimates are focused on the Horse Creek watershed, and are not an exhaustive compilation of uses in the entire proposed CGWA. Information from the Crow Chief Meadows Subdivision Web site (www.crowchief.com) as of October 7, 2007 indicated that a total of 37 lots have been sold, seven have pending sales and 21 lots are still available. Thus since 2003, it appears that marketing of the subdivision has been successful, and that it is reasonable to assume that full build out will eventually occur.

One of the key pieces of missing information for this report is lack of actual water use from metered wells installed since 2003. Although this provided for in the DNRC Order, it apparently has not been enforced, and thus no actual water use data are available. The 2003 analysis used 100 gallons per person per day as a planning number, and an irrigated lot size of 0.2 acres. Due to lack of new data, these values have been retained in the current analysis. A review of a 2005 color aerial photograph indicates that irrigated lot areas in the Crow Chief subdivision were in the range of 0.14 to 0.2 acres. A sensitivity analysis of this parameter is included in the ANALYSIS section.

HCWU and HydroSolutions attempted to list current water rights applications and permit status with the assistance of the DNRC. A list of water rights information is included as Table 6. The HCWU reviewed the initial list of water rights records for the proposed CGWA and found a total of 198 entries. They attempted to eliminate duplicate filings and produced a total of 54 non-duplicate water right records in the proposed CGWA boundary. The DNRC's list supplied by Tim Lewis, indicated a total of 57 water rights filings within the proposed CGWA, with seven new filings since 2003. HCWU reviewed this list and found 11 new water rights applications filed since the inception of the Temporary CGWA. Figure 20 shows the number of water wells drilled per year in the CGWA according to GWIC records.

Of the 54 water rights in Table 6, maximum flow data are given for 25. These 25 filings request a total appropriation of 547.5 gpm. These filings are not adjudicated and therefore subject to adjustment. In addition there are existing historic uses of Horse Creek and a number of springs not included in the DNRC water rights records. Thus, although there is limited information on the existing water rights claims and actual use in the Horse Creek CGWA, it is readily seen that the demand for groundwater and surface water far exceeds the recharge estimates presented in this report.

ANALYSIS

The previous analysis provided in the 2003 Summary Report are included below, followed by any additional interpretations. The interpretations provided herein should be considered in a draft stage, subject to modification as may be indicated with additional analysis.

A Hydrologic Connection Between the Lower Fort Union Aquifer and Horse Creek

2003 Summary Report

1. Static water levels in the Borland wells have a greater elevation than the elevation of Horse Creek, indicating a hydraulic potential for upward movement.
2. A hydraulic potential alone would not indicate significant upward leakage from the Tullock Aquifer to Horse Creek, however, a major fault bisects the watershed.
3. A major geologic fault crosses Horse Creek, thereby providing the pathway for Tullock groundwater to move upward to Horse Creek.
4. According to the well logs for the Borland wells, there is a vertical offset in a calcareous silt confining strata of approximately 80-feet between Borland #2 (east of fault) and Borland #3 (west of fault).
5. The Borland #2 well aquifer test indicated drawdown leveled off at 400 to 500 minutes. This could indicate the interception of a constant head boundary such as Horse Creek.
6. The indication of upward groundwater movement is evident in Kelly Spring (aka Borland Spring #2), which has a water chemistry nearly identical to that of the Borland wells. (*Note: Kelly Spring is the same as Zook Spring, not Borland #2.*)
7. Kelly Spring is located on the major fault. Other springs, including the Rex #2, Rex #3, and Lannen Spring #1, are also located on, or proximate to the major fault.
8. Horse Creek and other springs have water chemistries indicative of mixed shallow (Tongue River Member Aquifer) groundwater and deeper Tullock groundwater.
9. It is unlikely that any drainage basin as small as Horse Creek (2.5 sq.mi.) would have continuous baseflow in October 2003, after 4 years of drought, without the input of another source such as a deeper bedrock aquifer.
10. The visual indication of groundwater discharge to Horse Creek is evident in the green vegetation along the mapped fault and the tributary channels to Horse Creek, as seen on the color photographs of October 2003.

DNRC's transducer records of the Borland #1 and #2 wells indicate they continue to have hydraulic heads from 75 to 92 feet above that of Horse Creek. This potential for upward groundwater flow appears to be enabled by the major fault system crossing the Horse

Creek watershed from north to south. Even though the Tullock aquifer is confined or semi-confined, all wells completed in the Tullock exhibited rapid response to large precipitation events, further indicating that although the Tullock aquifer has a degree of confinement, evidently it is not significantly isolated from surface hydrology. A chart which superimposes the hydrograph of Borland well #1 on the hydrograph of Horse Creek is provided in Figure 21. Although the Horse Creek record is fragmentary, the responses of the well and of Horse Creek appear fairly similar.

The Case for Excessive Withdrawals, and Withdrawals In Excess of Recharge

2003 Summary Report

1. Current geologic maps of the area were used to delineate the aquifer areas and identify mapped faults (MBMG).
2. Geologic logs and maps were used to identify the Tongue River and Tullock Aquifers in logs and on geologic maps.
3. Water level hydrographs from the MBMG (2001-present) were checked for evidence of groundwater recharge in recent years. SWL increases in spring 2003 in the Kim Witt well and Chandler well were 12.2 and 14.1 feet, with subsequent declines of 11.1 and 23.27 ft., respectively. The rate of recharge calculated from this rise was 4.6% of annual precipitation (18.24-in).
4. The rapid decline of water levels, particularly in the Chandler well suggests that recharge has been less than withdrawals during the dry spell experienced in past several years.
5. Recharge to the Tongue River Aquifer over the Horse Creek watershed (above and including the subdivision) was estimated at 31 to 52 gpm using recharge rates of 3% and 5% of precipitation. The recharge to the exposed up-gradient Tullock Aquifer at these same rates was estimated at 31 to 51 gpm. Total annual recharge to the Horse Creek watershed from both aquifers was estimated at 62 to 103 gpm.
6. Existing groundwater withdrawals from both aquifers was estimated, exclusive of use in the Crow Chief Subdivision. These sources included: Horse Creek, sub-irrigation along the narrow valley of Horse Creek, measured springs in the Horse Creek basin or potentially sourced in the Tullock Aquifer, livestock use (based on AU's), and domestic wells (see attached Table). These withdrawals totaled 78 gpm. Existing groundwater use is estimated at 76% to 126% of recharge based on the above rates.
7. If the Crow Chief Subdivision demand at build-out (60 homes) is added to the base demand, total potential withdrawals would be 118% to 197% of recharge, based on the available information and assumptions.

The DNRC analysis establishing the Temporary CGWA (Levens, 2003) indicated there was some doubt about the recharge area of the Tullock aquifer. A new geologic map (Map 3) and the Composite Potentiometric Map (Map 4), along with a field inspection has given a clearer picture of the recharge area. The Tullock aquifer is completely truncated by geologic uplift and exposure of its complete thickness by erosion on the southwest side of the proposed CGWA, along the southern fork of the Grove Creek road. A sliver of the Cretaceous Upper member of the Hell Creek formation, which underlies the Tullock member, is exposed in the road cut in the southwest one-quarter of Section 20 and north one-half of Section 29. The upper member of the Hell Creek formation has been considered a confining unit in other regions where it has been studied. The composite potentiometric map illustrates that groundwater in the Tongue River and Tullock aquifers beneath the CGWA is a local flow system. Its' recharge area is in the upland portions of the CGWA with discharge to the streams that surround it. The potentiometric contours of Map 4 were drawn based primarily on shallow groundwater and surface water elevations, even though all monitoring locations with elevation data are shown.

The rate of recharge to the aquifers was also an issue in the DNRC analysis. As described above under Groundwater Levels, multiple hydrographs were analyzed to determine annual rates of recharge on a water year basis. The results of that analysis are provided in Table 2. Recharge from five wells were determined from digital hydrograph analysis, including the Chandler house well, Alley (Witt) well, Borland well #1, State Section and Rex monitoring wells. The number of wells with available data varied, from one in WY2002 to five in WY2007. The analysis indicates that the average groundwater level rise was 11.1 feet per year, which given the confined aquifer parameters shown, translates to a water column rise of 0.71 inches per year. This is equivalent to 4.3% of the average annual precipitation that actually fell in these years. The trend in average recharge rate for each of the years of record is shown in Figure 22. The calculated recharge rate varied from 2.6% to 6.4% of annual water year precipitation. It is reasonable to expect that the rate of recharge is directly related to the amount of annual precipitation. That relationship is evaluated in Figure 23. Four of the six years indicate a positive linear relationship. Two years, 2003 and 2007 don't fit the trend of the other four, for reasons that are not known. It is suspected that the pattern, timing and form of precipitation all possibly play a role in recharge. With warmer temperatures, a greater percentage of precipitation may be falling as rain instead of snow. It is believed that snowmelt tends to be more effective producing groundwater recharge than comparable rainfall events.

The aquifer recharge-discharge estimate prepared for the 2003 Summary Report was updated in this analysis. Tables 3, 4 and 5 provide the results. Results are shown for the average recharge rate of 4.3%, as well as the range of 2.5% to 6.5% of annual precipitation. This estimate is made for the portion of the proposed CGWA enveloped by the surface drainage basin of Horse Creek, as it was in 2003. The composite potentiometric map supports this approach since it indicates good correspondence between the apparent groundwater divides and the surface water divides. This analysis allows for the additional recharge to one-half of the exposed area of the Tullock aquifer

on the southwest side of the CGWA. Potentiometric heads indicate that some of the recharge arising in that area could reach Horse Creek. However, the potentiometric map indicates that some of the groundwater recharge arising in the upper-most portion of the CGWA move toward Grove Creek and the West Rosebud.

Table 5 provides the overall recharge-discharge estimate for the Horse Creek watershed. Groundwater recharge within the watershed is 39 gpm, with an additional 19 gpm estimated from outlying Tullock aquifer recharge, for a total of 58 gpm. The estimate of groundwater demands on the basin total 81 gpm, using updated values for Horse Creek and springs within the watershed. The base demand without new wells or water developments since 1996 amounts to 140% of estimated recent groundwater recharge.

Although the Crow Chief subdivision is not the only venue for recent house construction in the CGWA, it is the only one within the Horse Creek watershed, and so is discussed in this analysis. The estimated potential demand by the Crow Chief subdivision at full build-out is 43 gpm. The total potential demand is 124 gpm, which amounts to 215% of estimated recent recharge. The estimated variability is 142% to 369% of the calculated range of groundwater recharge.

If, hypothetically, no lawn, shrub or garden irrigation were to occur in the Crow Chief subdivision, the subdivision demand would be reduced to 18 gpm. The total potential demand would then be 99 gpm, or 170% of estimated recent recharge. The estimated variability is 113% to 294%, using 6.5% and 2.5% of recent annual precipitation, respectively. If the three highest flows in Horse Creek (those over 50 gpm) are eliminated from computation of the average flow, the draw on groundwater by Horse Creek is reduced to 18 gpm. In this case total potential demand with recharge at 4.3%, and other parameters constant, total potential withdrawals are 171% of recharge, with a range of 92% to 239% of estimated recent recharge. Thus, even making conservative assumptions about water demand results in groundwater withdrawals in excess of recharge, or very close to that point.

CONCLUSIONS

2003 Summary Report

A preliminary estimate of the average long term groundwater recharge and withdrawal rates was made for the Tongue River and Tullock Aquifers serving water users in the Horse Creek watershed, and immediate vicinity. The assessment utilized data from the site and routine scientific methods of analysis. The Tullock Aquifer is confined, but can discharge to shallow groundwater and Horse Creek through a major fault and associated fractures, which bisects the Horse Creek basin. This same fault appears to have springs associated with it to the north of the Horse Creek basin (Rex property).

An enumeration of known existing withdrawals outside the Crow Chief Subdivision indicates that these uses likely consume most if not all existing annual recharge. Existing water rights on Horse Creek fully appropriate the estimated discharge, exceeding it significantly. Full build-out of the Crow Chief Subdivision would impose withdrawals estimated to be equivalent to an additional 57% of current uses. The total potential withdrawals were estimated to exceed the total rate of recharge to both the Tongue River and Tullock Aquifers, by up to twice the annual recharge rate.

More conservative assumptions may be prudent for some of the estimates, which would make the overdraft even larger. These include a probable larger average discharge of Horse Creek, less than full availability of all recharge to the Tullock Aquifer, and possibly greater use of groundwater by phreatic vegetation. A comprehensive program of hydrogeologic data collection and controls on new groundwater and surface water development in the Horse Creek watershed is recommended.

The analysis presented in this report generally supports the findings of the 2003 Summary Report. Much more groundwater level data were collected which allowed for more definitive calculations of annual recharge rates. Use of these recharge rates, along with updated estimates of groundwater demand indicate that withdrawals may already exceed recharge, or that some discharges, such as springs and base flow to Horse Creek, may have been reduced. A 65-lot subdivision situated in the Horse Creek watershed is already mostly sold out. At build-out, the water demand from it alone could amount to from 79% to 111% of the estimated recent recharge rate.

Sources of water fed by natural groundwater gradients, such as springs and Horse Creek base flow, are most susceptible to reductions of hydraulic head due to dispersed withdrawals from private wells, and from reductions in recharge due to drought or climate change. Higher air temperatures potentially associated with climate change increase evapo-transpiration, potentially further reducing groundwater recharge. This can occur even though a large volume of groundwater in storage within the aquifer may exist. Water users relying on springs and base flow can be the

first to suffer impairment. This analysis indicates that establishment of a Horse Creek Permanent Controlled Ground Water Area is warranted for protection of existing water users and water right holders, and for enabling reasonable management of a limited water resource.

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TABLES

Table 1. Annual Water Year Precipitation Amounts for Fishtail, Montana.

Water Year	Precipitation inches	
1997	23.68	Partial Year: 1/1/97 – 9/30/97
1998	16.7	
1999	16.1	
2000	16.14	
2001	15.33	
2002	14.14	
2003	13.68	
2004	18.24	
2005	20.54	
2006	12.95	
2007	14.02	
Average	15.78	WY1998 - WY2007
Normal	18.82	

Sources: Western Regional Climate Center (2007); NOAA Billings, MT website.

Table 2. Calculation of Volumetric Recharge Rate in Tullock Aquifer under Confined Conditions

Confined Aquifer Storage Formula:		b (Aquifer thickness) [ft]	α (compressibility of rock) [ft ² /lb]	N porosity	β (H ₂ O Compress- ibility) [ft ² /lb]					
Confined Storage (S)		ρg [lbs/ft ³]								
		62.4	85	1.00E-06	0.2	2.30E-08				
				(estimate for dense sand)						
S = $\frac{\rho g b (\alpha + N\beta)}{}$										
S = 5.33E-03										
Calculations of Water Recharge to or from Storage [ft ³]:										
		Area [ft ²]	Total Recharge WY Basis Δh [ft]	S	VW = Area * Δh * S cu.ft.	Depth per 1 sq.ft. inches	Water Year Precip in.	Percent of Precip %	Average Recharge WY Basis	Count
2003 Report Values		1	13.2	5.33E-03	0.070	0.84	18.24	4.6%		1
Chandler Well WY2002		1	6.75	5.33E-03	0.036	0.43	14.14	3.1%	3.1%	1
Chandler Well WY2003		1	13.06	5.33E-03	0.070	0.84	13.68	6.1%		
Alley Well WY2003		1	14.29	5.33E-03	0.076	0.91	13.68	6.7%	6.4%	2
Chandler Well WY2004		1	1.91	5.33E-03	0.010	0.12	18.24	0.7%		
Alley Well WY2004		1	22.39	5.33E-03	0.119	1.43	18.24	7.8%	4.3%	2
State MW WY2005		1	16.91	5.33E-03	0.090	1.08	20.54	5.3%		
Rex MW WY2005		1	18.18	5.33E-03	0.097	1.16	20.54	5.7%		
Chandler Well WY2005		1	17.44	5.33E-03	0.093	1.12	20.54	5.4%		
Alley Well WY2005		1	19.24	5.33E-03	0.103	1.23	20.54	6.0%		
Borland #1 Well WY2005		1	13.62	5.33E-03	0.073	0.87	20.54	4.2%	5.3%	5
State MW WY2006		1	3.03	5.33E-03	0.016	0.19	12.95	1.5%		
Rex MW WY2006		1	2.10	5.33E-03	0.011	0.13	12.95	1.0%		
Chandler Well WY2006		1	9.49	5.33E-03	0.051	0.61	12.95	4.7%		
Alley Well WY2006		1	6.7	5.33E-03	0.036	0.43	12.95	3.3%	2.6%	4

Table 2. Continued

State MW	WY2007	1	13.55	5.33E-03	0.072	0.87	14.02	6.2%		
Rex MW	WY2007	1	7.23	5.33E-03	0.039	0.46	14.02	3.3%		
Chandler Well	WY2007	1	11.59	5.33E-03	0.062	0.74	14.02	5.3%		
Alley Well	WY2007	1	11.19	5.33E-03	0.060	0.72	14.02	5.1%		
Borland #1 Well	WY2007	1	2.39	5.33E-03	0.013	0.15	14.02	1.1%	4.2%	5
Average			11.11			0.71	15.60	4.3%	4.31%	
Note:										
Sources: Univ of Idaho, D. Ralston, 1987, see Freeze & Cherry, pg 55.										

Table 3. Recharge to Horse Creek Watershed and Groundwater Demands

Groundwater Recharge Estimate within Horse Creek Watershed		
Area of Horse Cr Watershed	1587	acres
Rate of Recharge	4.3%	Percent of Precipitation
Annual Precipitation	15.78	inches (Fishtail)
Amount of Recharge	0.68	inches (Fishtail)
Volume over Watershed	3,908,940	cubic feet
Annualized Rate of Recharge	56	gpm
Area per GPM	29	acres
Area of watershed including-above Sub.	1108	acres
Pro-rate for Watershed above Subdivision	39	gpm
Stock Watering Demand		
Egger's	60	AU's
Flanagan	60	
Rex	75	
Lannen et al	90	
Total	285	
Stock Allowance	30	gal/day
Stock Use Rate	5.94	gpm
Existing Domestic Wells		
Chandler	5	gpm
Flanagan	5	gpm
Kelly	5	gpm
Witt	5	gpm
Total	20	gpm
Sub-Irrigation of Horse Cr Valley		
Length of valley in Subdivision	6336	ft
Avg. Width in Subdivision	144	ft
Area	20.9	acres
Sub-irrigation demand estimate	12	inches
Volume of Actual ET	912384	cu.ft.
Annualized Rate of Demand	13.0	gpm
Crow Chief Subdivision Demand		
No. of Households	65	
Demand per capita	100	gpcd
Household Size	4	persons
Residential Demand per House	0.28	gpm
Total Residential Demand	18.1	gpm
Irrigation		
Lawn Area	0.2	acres
	8712	sq.ft.
Consumptive Demand	36	inches
Seasonal Precipitation	12.7	inches
Leaching Fraction	5	inches
Irrigation Demand	29	inches
Efficiency	70.0%	percent

Table 3. Continued

Total Applied	37.31	inches	
Volume applied	27,087	cu.ft.	
Annualized Rate per house	0.39	gpm	
No. of Households	65		
Total Irrigation Rate	25.1	gpm	
Total Subdivision Demand	43	gpm	
Subdivision Demand as % of Recharge	111%	Of Recharge within watershed	
Note:			
Water Rights on Horse Creek by Chandlers, Borlands, and others likely over-appropriate the available flow.			
Additional wells and withdrawals by Rex, Witt and possibly others withdrawing from Tullock are not included.			

Table 4. Estimate of Outlying Tullock Aquifer Recharge Reporting to Horse Creek Watershed

Recharge Area (GIS map)	535	acres	See note below.
Rate of Recharge	4.3%	Percent of Precipitation	
Annual Precipitation	15.78	inches (Fishtail)	
Amount of Recharge	0.68	inches (Fishtail)	
Volume over Watershed	1,316,527	cubic feet	
Annualized Rate of Recharge	19	gpm	
Area per GPM	29	acres	
Annual Recharge Estimate			
Water Year	Average GW Recharge as % Precip		
2002	3.1%		
2003	6.4%		
2004	4.3%		
2005	5.3%		
2006	2.6%		
2007	4.2%		
Average Percent of Annual Precipitation	4.3%		
Average Recharge depth	0.70	inches	

Table 5. Groundwater Recharge-Discharge Estimate for Horse Creek Watershed

		Estimated Range		
Groundwater Recharge				
Recharge as % of Precipitation	4.30%		6.50%	2.50%
Recharge within Horse Cr Watershed	39	gpm	59	23
Outlying Tullock Aquifer	19	gpm	28	11
Total Annual Recharge	58	gpm	87	33
Draws on Combined Aquifers				
Horse Creek	36.6	gpm	36.6	36.6
Measured Springs (2004-2007)	5	gpm	5	5
Phreatic Consumptive Use From Groundwater	13.0	gpm	13.0	13.0
Livestock Consumptive Use	6	gpm	6	6
Existing Domestic Wells in Basin	20	gpm	20	20
Subtotal	81	gpm	81	81
Base Demand as % of Recharge	140%		93%	241%
Crow Chief Subdivision at buildup				
Domestic consumption	18.1	gpm	18.1	18.1
Lawn irrigation	25.1	gpm	25.1	25.1
Subtotal	43.1	gpm	43.1	43.1
Total Potential Demand	124	gpm	124	124
Potential Demand as % of Recharge	215%		142%	369%
Notes:				
Only includes springs potentially sources in Tullock Aquifer.				
Flows of Horse Cr and Springs are average of all measurements, 2004-2007.				
This assumes that one-half of the exposed Tullock aquifer recharge would be available to Horse Creek users based on potentiometric map.				

Table 6. Horse Creek CGWA Water Rights Filings

wrid	wr number	wr key	ver id	src type	wr type	histrgt type	div count	use count	irr count	res count	priority date	enf priority date	mean ofdiv
90524	43C 46667 00	90524-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	3			1.982E+11	1.982E+11	WELL
186877	43C 105956 00	186877-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.998E+10	1.9981E+11	WELL
275907	43C 197359 00	275907-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
334890	43C 105904 00	334890-1	1	SURFACE	GROUND WATER CERTIFICATE		1	1			1.998E+11	1.9981E+11	DEVELOPED SPRING
36715	43C 15700 00	36715-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1	1		18970701	18970701	HEADGATE
30596	43C 12180 00	30596-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19070826	19070826	LIVESTOCK DIRECT FROM SOURCE
36716	43C 15701 00	36716-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	3			19170808	19170808	LIVESTOCK DIRECT FROM SOURCE
36717	43C 15702 00	36717-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19170811	19170811	LIVESTOCK DIRECT FROM SOURCE
275916	43C 197368 00	275916-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
99908	43C 52374 00	99908-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.983E+10	1.9831E+11	WELL
148486	43C 80890 00	148486-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.992E+11	1.9921E+11	WELL
175056	43C 99137 00	175056-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.996E+10	1.9961E+11	WELL
296201	43C 39291 00	296201-1	1	SURFACE	STATEMENT OF CLAIM	USE	3	5	5		18981027	18981027	HEADGATE
35575	43C 15048 00	35575-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19190407	19190407	LIVESTOCK DIRECT FROM SOURCE

Table 6. Continued

35576	43C 15049 00	35576-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19190407	19190407	LIVESTOCK DIRECT FROM SOURCE
35579	43C 15050 00	35579-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19190605	19190605	LIVESTOCK DIRECT FROM SOURCE
275908	43C 197360 00	275908-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
278272	43C 200076 00	278272-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
315033	43C 197369 00	315033-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19000101	19000101	LIVESTOCK DIRECT FROM SOURCE
217883	43C 130367 00	217883-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217884	43C 130368 00	217884-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217886	43C 130370 00	217886-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
338412	43C 30001933	338412-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.002E+11	2.0021E+11	WELL
347959	43C 30012436	347959-1	1	GROUNDWATER	PROVISIONAL PERMIT		1	1			200503100	2.005E+11	WELL
193575	43C 109824 00	193575-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.999E+11	1.9991E+11	DEVELOPED SPRING
217887	43C 130371 00	217887-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217889	43C 130374 00	217889-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217890	43C 130375 00	217890-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
260810	43C 179910 00	260810-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE

Table 6. Continued

					STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
261991	43C 181271 00	261991-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
306119	43C 130372 00	306119-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	LIVESTOCK DIRECT FROM SOURCE
217872	43C 130355 00	217872-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	PUMP
217891	43C 130376 00	217891-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1			19630430	19630430	PUMP
312674	43C 179781 00	312674-1	1	SURFACE	STATEMENT OF CLAIM	FILE	1	1	1		19180511	19180511	PUMP
205416	43C 116774 00	205416-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.001E+11	2.0011E+11	WELL
205532	43C 116841 00	205532-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.001E+10	2.0011E+11	WELL
312690	43C 179909 00	312690-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			18930430	18930430	WELL
339845	43C 30003503	339845-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.002E+11	2.0021E+11	WELL
342358	43C 30006311	342358-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.003E+11	2.0031E+11	WELL
343339	43C 30007399	343339-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			2.003E+11	2.003E+11	WELL
352407	43C 30016588	352407-1	1	GROUNDWATER	PROVISIONAL PERMIT		1	1			2.005E+11	2.0051E+11	WELL
358834	43C 30022934	358834-1	1	GROUNDWATER	PROVISIONAL PERMIT		1	1			2.006E+11	2.006E+11	WELL
361910	43C 30026229	361910-1	1	GROUNDWATER	PROVISIONAL PERMIT		1	1			2.006E+11	2.006E+11	WELL
61295	43C 29846 00	61295-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19100215	19100215	LIVESTOCK DIRECT FROM SOURCE
61305	43C 29852 00	61305-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19100215	19100215	LIVESTOCK DIRECT FROM SOURCE
39560	43C 17334 00	39560-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1		1	19730501	19730501	DAM
39564	43C 17336 00	39564-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19131231	19131231	LIVESTOCK DIRECT FROM SOURCE

Table 6. Continued

179186	43C 101516 00	179186-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.997E+11	1.9971E+11	WELL
293691	43C 17333 00	293691-1	1	GROUNDWATER	STATEMENT OF CLAIM	FILE	1	1			19620727	19620727	WELL
197251	43C 111946 00	197251-1	1	GROUNDWATER	STATEMENT OF CLAIM	USE	1	1			19141203	19141203	LIVESTOCK DIRECT FROM SOURCE
197253	43C 111948 00	197253-1	1	GROUNDWATER	STATEMENT OF CLAIM	FILE	1	1			19710319	19710319	LIVESTOCK DIRECT FROM SOURCE
303780	43C 111947 00	303780-1	1	GROUNDWATER	STATEMENT OF CLAIM	FILE	1	1			19710319	19710319	LIVESTOCK DIRECT FROM SOURCE
197248	43C 111945 00	197248-1	1	SURFACE	STATEMENT OF CLAIM	USE	1	1			19061031	19061031	LIVESTOCK DIRECT FROM SOURCE
3928	43C 1441 00	3928-1	1	GROUNDWATER	GROUND WATER CERTIFICATE		1	1			1.974E+11	1.974E+11	WELL
Count		54											
Total													
Sources:	NRIS, September, 2007												
	DNRC, T. Lewis												

Table 6. continued (begins 2nd 1/2 of table)

wrid	divid	srcname	county id	tr	secno	qsection	govtlot	reser-voir	max flwrt	flwrtunt	maxvol	max acres	well depth	divnum
90524	1	GROUNDWATER	ST	4S18E	1	SWNW		N	25	GPM	0.75	0.25		168116
186877	1	GROUNDWATER	ST	4S18E	1	NWNENW		N	12	GPM	0.4	0.16	18	248361
275907	1	SPRING. UNNAMED TRIBUTARY OF ROSEBUD CREEK	ST	4S18E	2	SESWSW		N						
334890	1	SURFACE WATER	ST	4S18E	3	NWNESW		N	1.5	GPM	0.47			461584
36715	1	UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	SWNW	4	N	85	GPM		5		462097
30596	1	SPRING. UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	NWNESE		N						462029
36716	1	SPRING. UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	SESWSW		N						462098
36717	1	SPRING. UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	SESESW		N						462099
275916	1	SPRING. UNNAMED TRIBUTARY OF STILLWATER RIVER	ST	4S18E	3	NENWSE		N						463392
99908	1	GROUNDWATER	ST	4S18E	3	NWNENW	3	N	5	GPM	1.67		210	172734
148486	1	GROUNDWATER	ST	4S18E	3	SWNENE		N	20	GPM	4.42	0.25		247525
175056	1	GROUNDWATER	ST	4S18E	3	N2SWNW		N	11	GPM	1.63		150	211977
296201	3	GROVE CREEK	ST	4S18E	9	SWNWSW		N	4	CFS		137.5		462612
35575	1	SPRING. UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	9	NESESE		N						462072
35576	1	SPRING. UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	9	NWNESE		N						462073
35579	1	SPRING. UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	9	SWNWNE		N						462074
275908	1	SPRING. UNNAMED TRIBUTARY OF ROSEBUD CREEK	ST	4S18E	10	SESENE		N						463390
278272	1	SPRING. UNNAMED TRIBUTARY OF ROSEBUD CREEK	ST	4S18E	10	NWNENE		N						463481
315033	1	SPRING. UNNAMED TRIBUTARY OF ROSEBUD CREEK	ST	4S18E	11	SWNWNE		N						463393
217883	1	SPRING. UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	14	SWSESE		N						463040
217884	1	SPRING. UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	14	SWSESE		N						463041
217886	1	SPRING. UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	14	NWSWNW		N						463043
338412	1	GROUNDWATER	ST	4S18E	14	NENWNW		N	21	GPM	1.63		132	537481

Table 6. continued

347959	1	GROUNDWATER	ST	4S18E	14	NWSENW		N	5	GPM	3.53	1	250	564224	
193575	1	GROUNDWATER	ST	4S18E	15	NENENW		N	5	GPM	0.27			461590	
217887	1	SPRING, UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	NENWSE		N						463044	
217889	1	SPRING, UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	NESENW		N						463047	
217890	1	SPRING, UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	SWNWSW		N						463048	
260810	1	SPRING, UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	NWNESE		N						463083	
261991	1	HORSE CREEK	ST	4S18E	15	S2		N						463087	
306119	1	SPRING, UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	SWSWNE		N						463045	
217872	1	SPRING, UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	15	NENESE		N	10	GPM	1.5			463029	
217891	1	HORSE CREEK	ST	4S18E	15	NENESE		N	35	GPM				463049	
312674	1	HORSE CREEK	ST	4S18E	15	NWNESE		N	121	GPM		7.1999998		463077	
205416	1	GROUNDWATER	ST	4S18E	15	NWNENE		N	13	GPM	1.63		300	227818	
205532	1	GROUNDWATER	ST	4S18E	15	NENENE		N	6	GPM	4.6	1		534335	
312690	1	GROUNDWATER	ST	4S18E	15	NENESE		N	10	GPM				239285	
339845	1	GROUNDWATER	ST	4S18E	15	NENWNE		N	30	GPM				537955	
342358	1	GROUNDWATER	ST	4S18E	15	NWSENE		N	30	GPM	1.63			547905	
343339	1	GROUNDWATER	ST	4S18E	15	NWSESE		N						125	550049
352407	1	GROUNDWATER	ST	4S18E	15	SWNWSW		N	3	GPM	2.38			220	592800
358834	1	GROUNDWATER	ST	4S18E	15	SESENW		N	25	GPM	2.25			170	599594
361910	1	GROUNDWATER	ST	4S18E	15	NESENW		N	25	GPM	2.25			110	603835
61295	1	SPRING, UNNAMED TRIBUTARY OF HORSE CREEK	ST	4S18E	16	SESESE		N							462371
61305	1	SPRING, UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	16	SWSENW		N							462377
39560	1	UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	20	NENENE		Y							462113
39564	1	SPRING, UNNAMED TRIBUTARY OF GROVE CREEK	ST	4S18E	20	SWNESW		N							462116
179186	1	GROUNDWATER	ST	4S18E	20	NENWNW		N	10	GPM	2.31	0.25	400	214365	
293691	1	GROUNDWATER	ST	4S18E	20	SENESW		N	15	GPM					142287

Table 6. continued

197251	1	SPRING, UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	21	SWNENE		N							462914
197253	1	SPRING, UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	21	SENWSW		N							462916
303780	1	SPRING, UNNAMED TRIBUTARY OF WEST ROSEBUD CREEK	ST	4S18E	21	NWSWNW		N							462915
197248	1	FISHTAIL CREEK	ST	4S18E	28	N2		N							462913
3928	1	GROUNDWATER	ST	4S18E	28	SWNW		N	20	GPM		1		57	126571
Count									25						
Total									547.5	GPM					
Sources:															

FIGURES

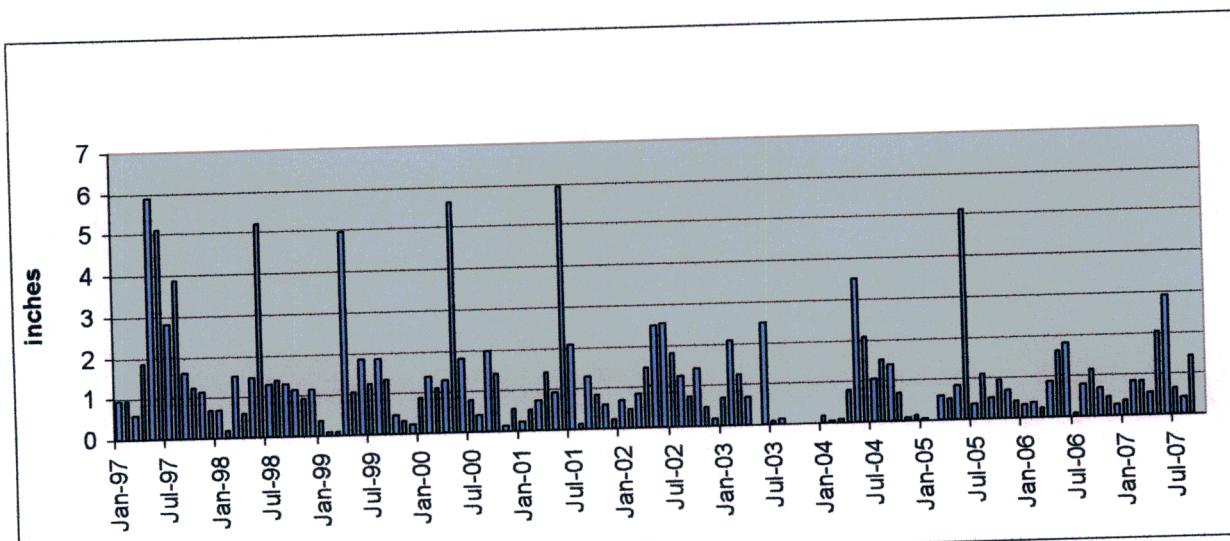


Figure 1. Precipitation at Fishtail, MT, January 1997- September 2007 (NCDC, 2007).

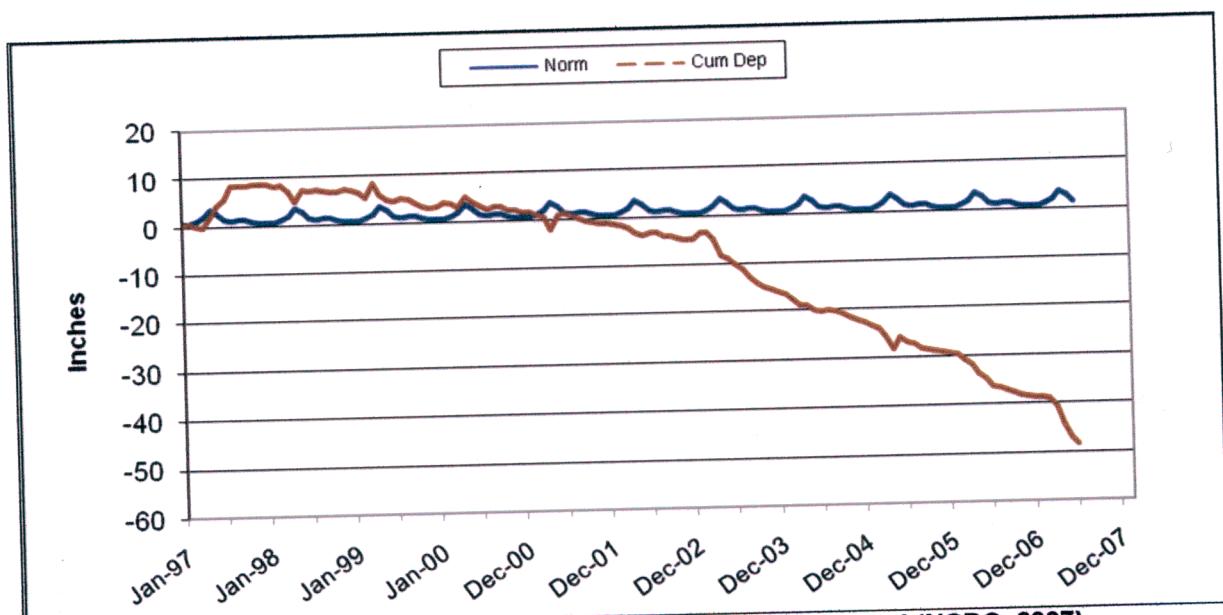


Figure 2. Normal Precipitation and Cumulative Departure from Normal (NCDC, 2007).

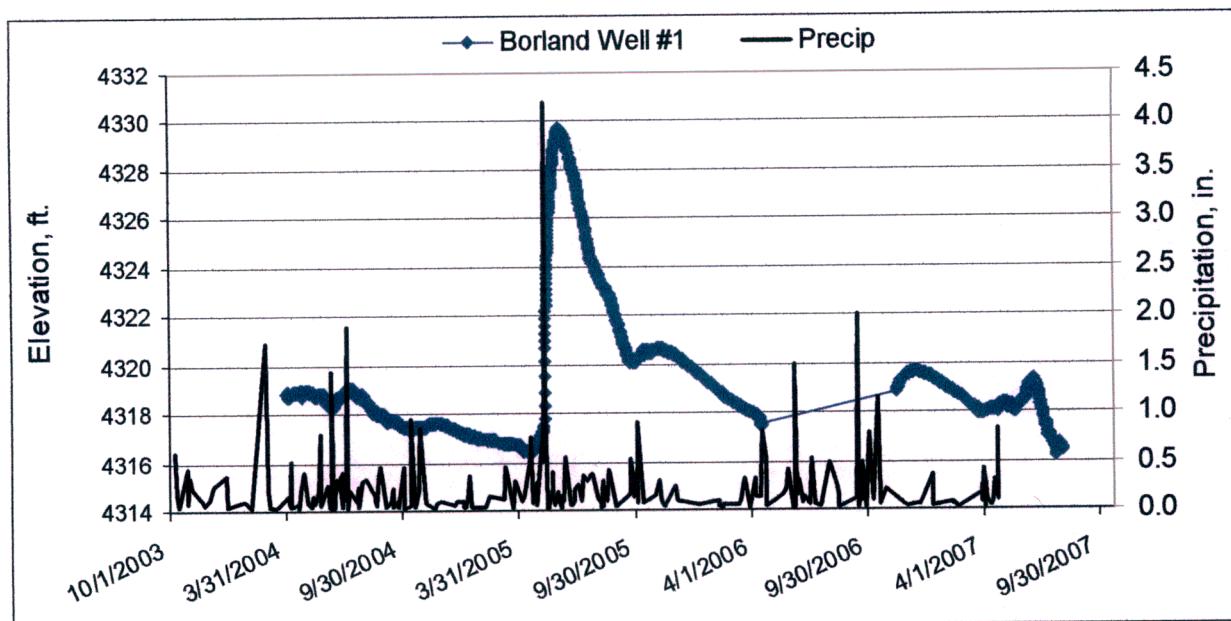


Figure 3. DNRC Recording Transducer Record for Borland Well #1.

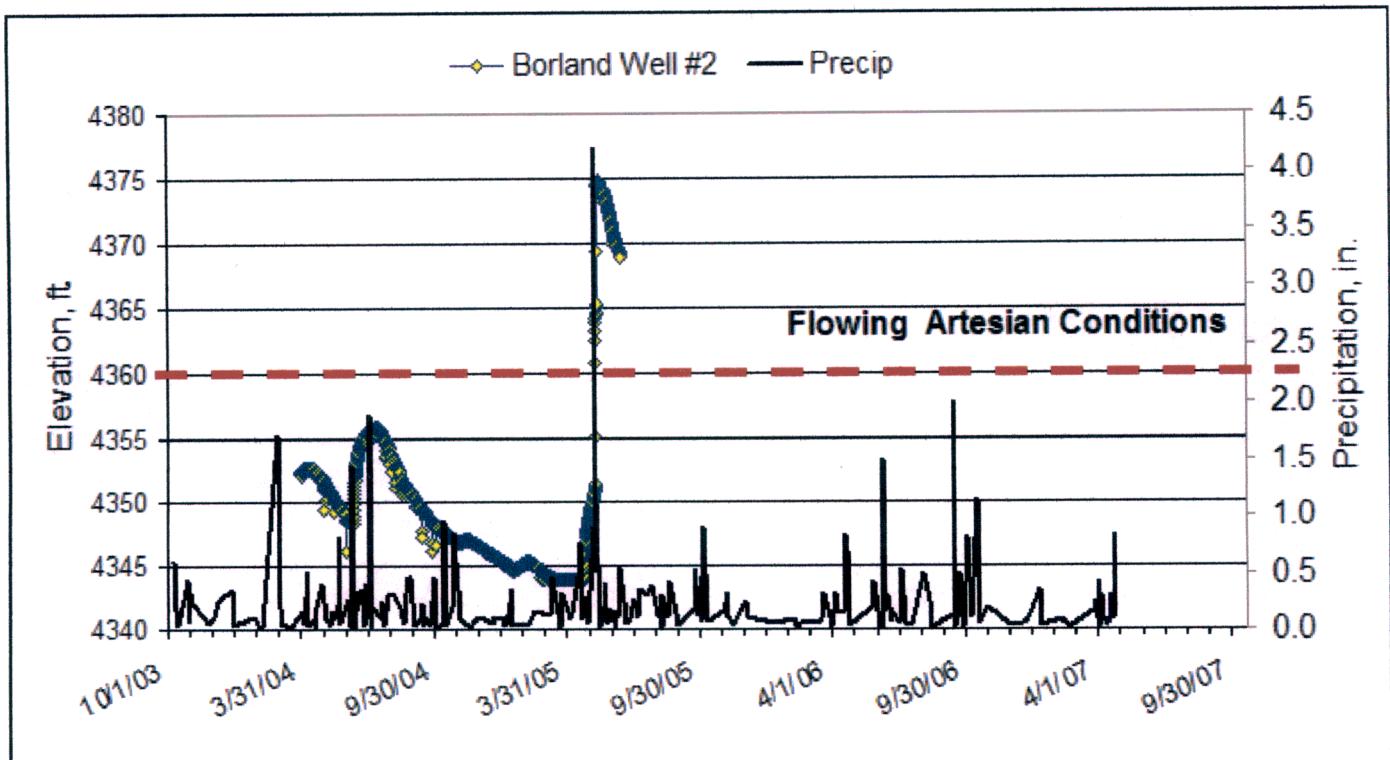


Figure 4. DNRC Recording Transducer Record for Borland Well #2.

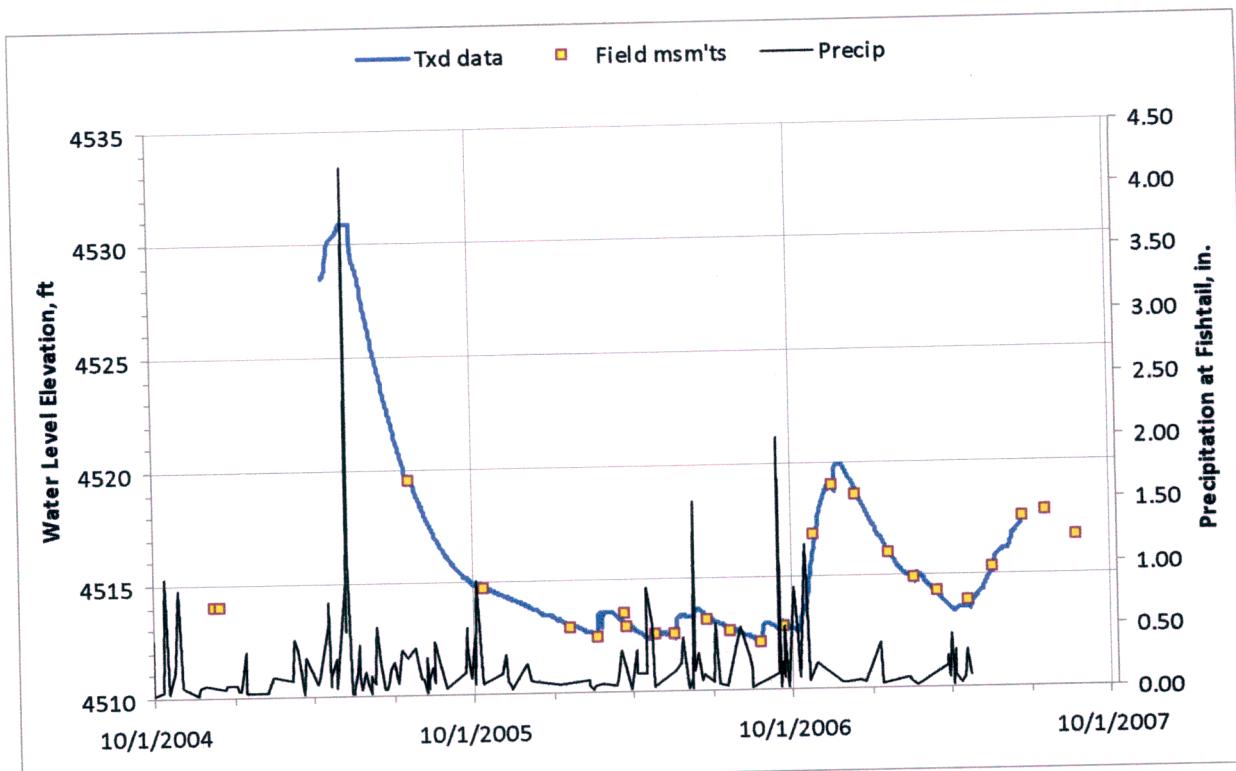


Figure 5. Groundwater and Precipitation Trends for the State Section Monitoring Well.

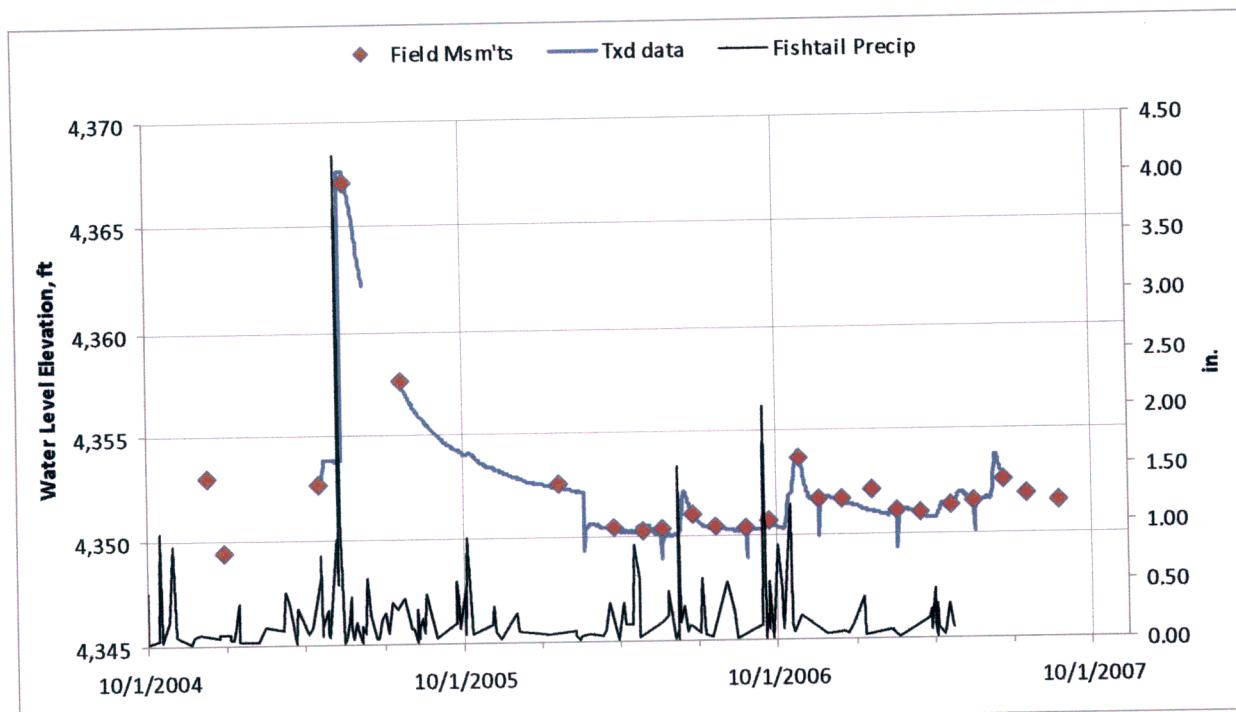


Figure 6 Groundwater Level and Precipitation Trends at Rex Monitoring Well.

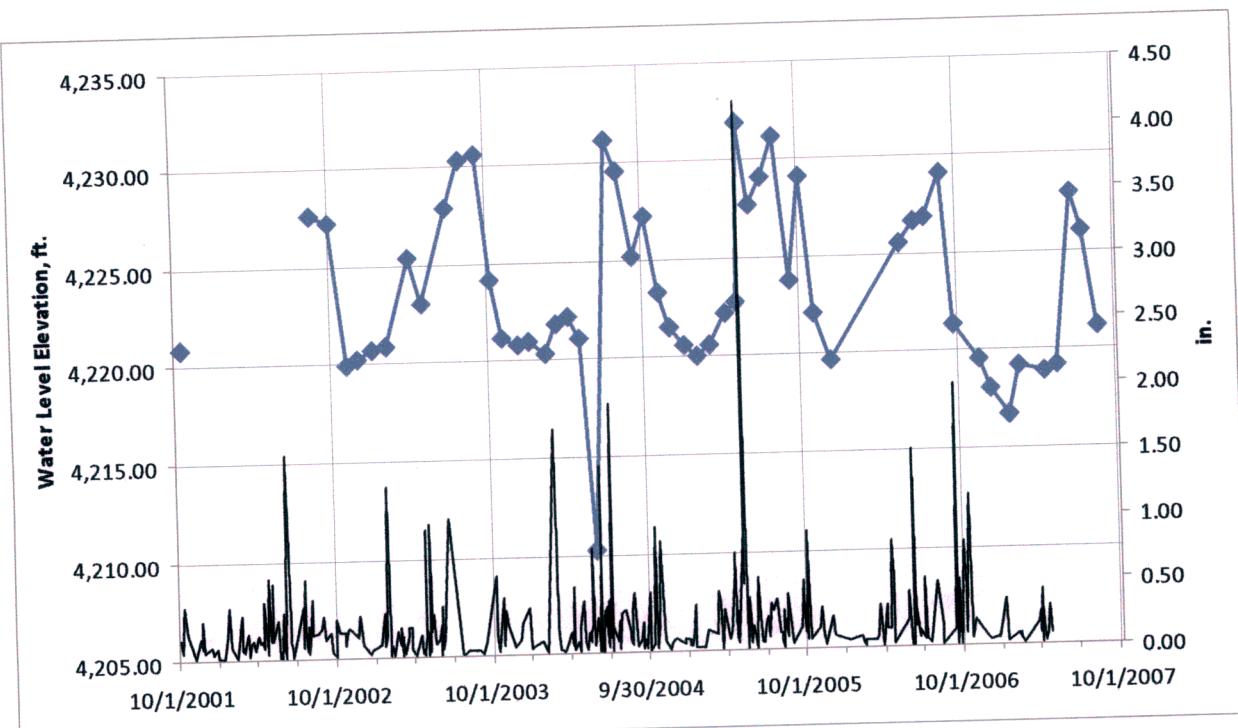


Figure 7. Chandler House Well Groundwater Level Trends.

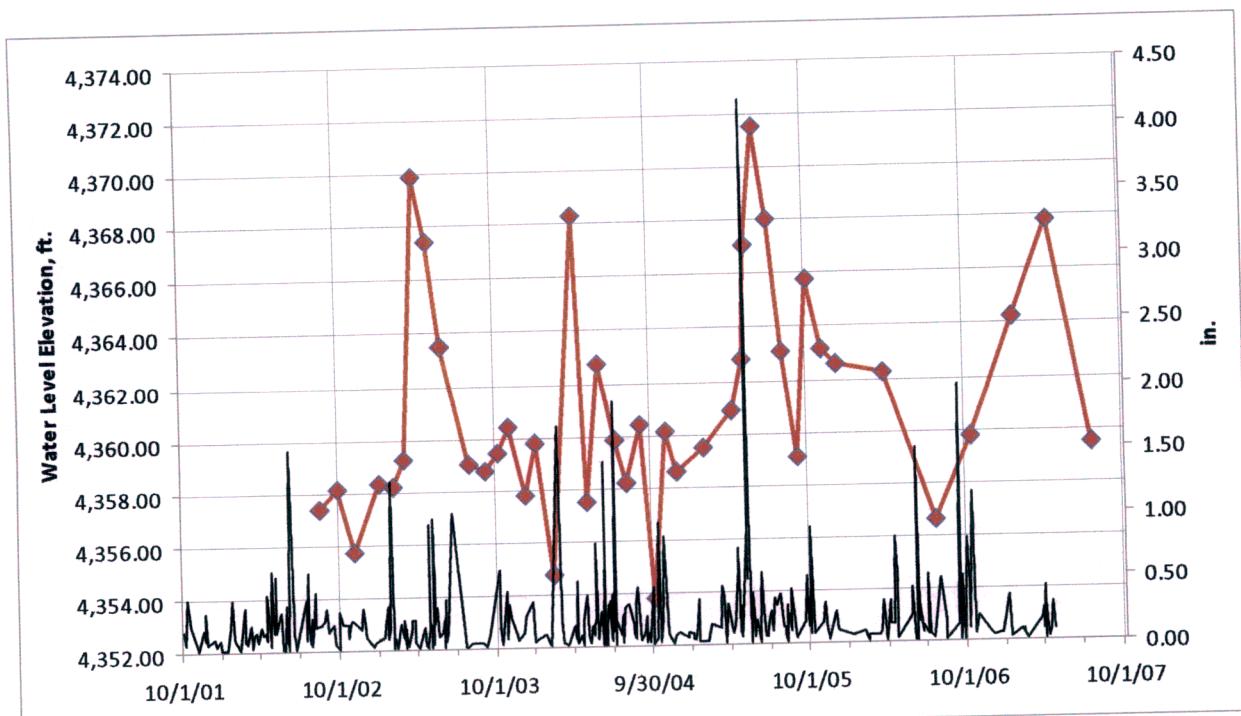


Figure 8. Alley (Witt) House Well Groundwater Level Trends.

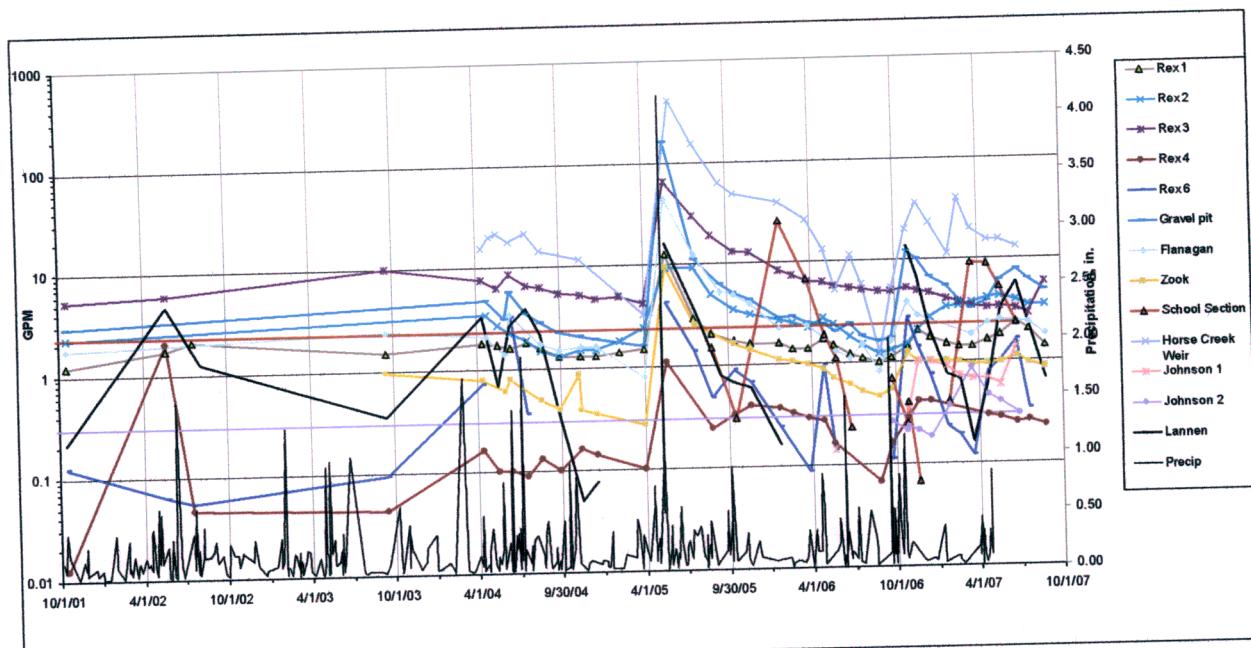


Figure 9. Trends in Spring Flows (log scale) and precipitation

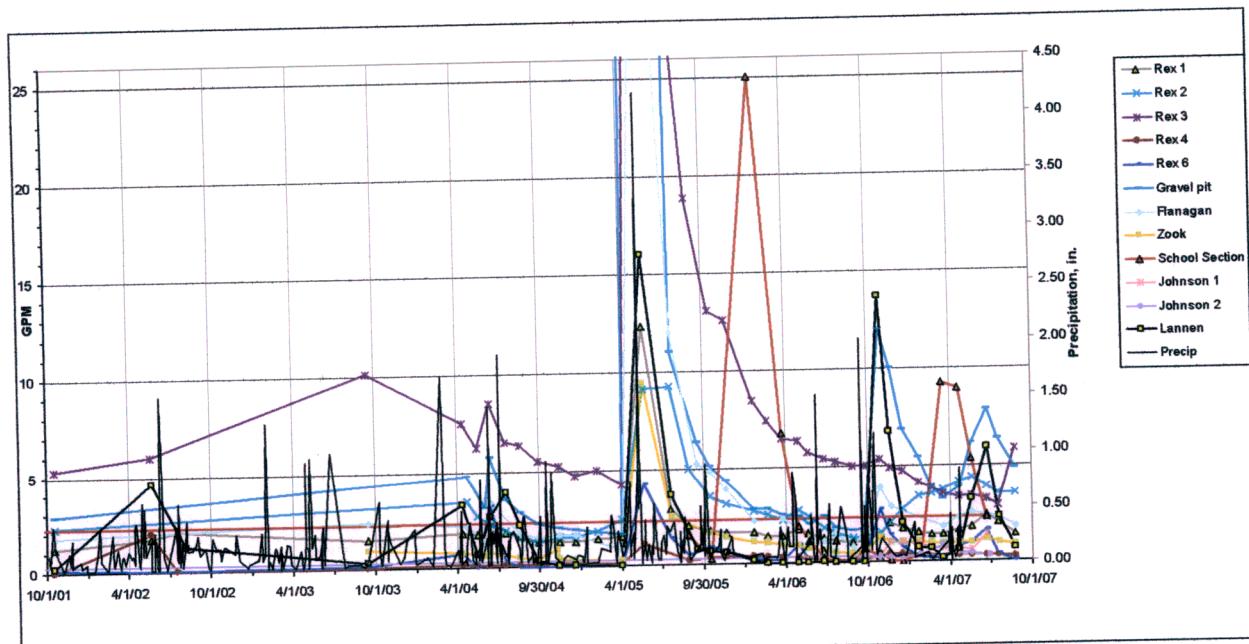


Figure 10. Trends in spring flows (arithmetic scale) and precipitation

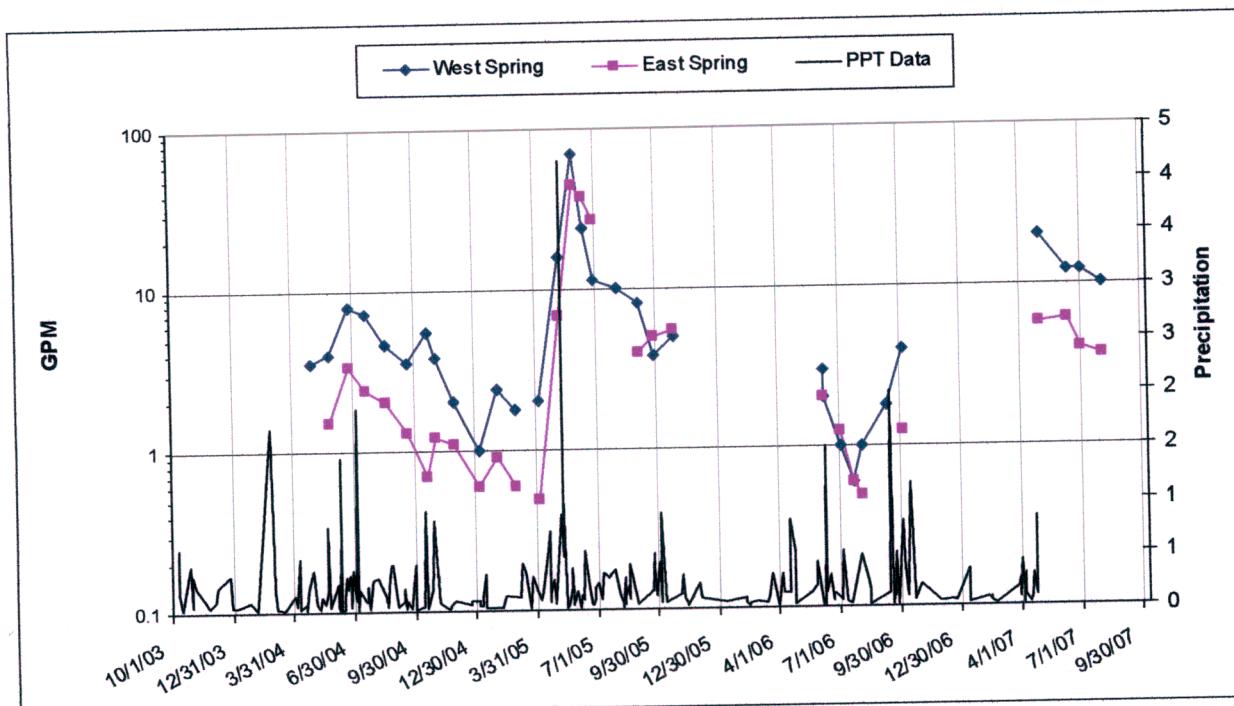


Figure 11. DNRC Spring Measurements, HCWU TCGA (log Scale)

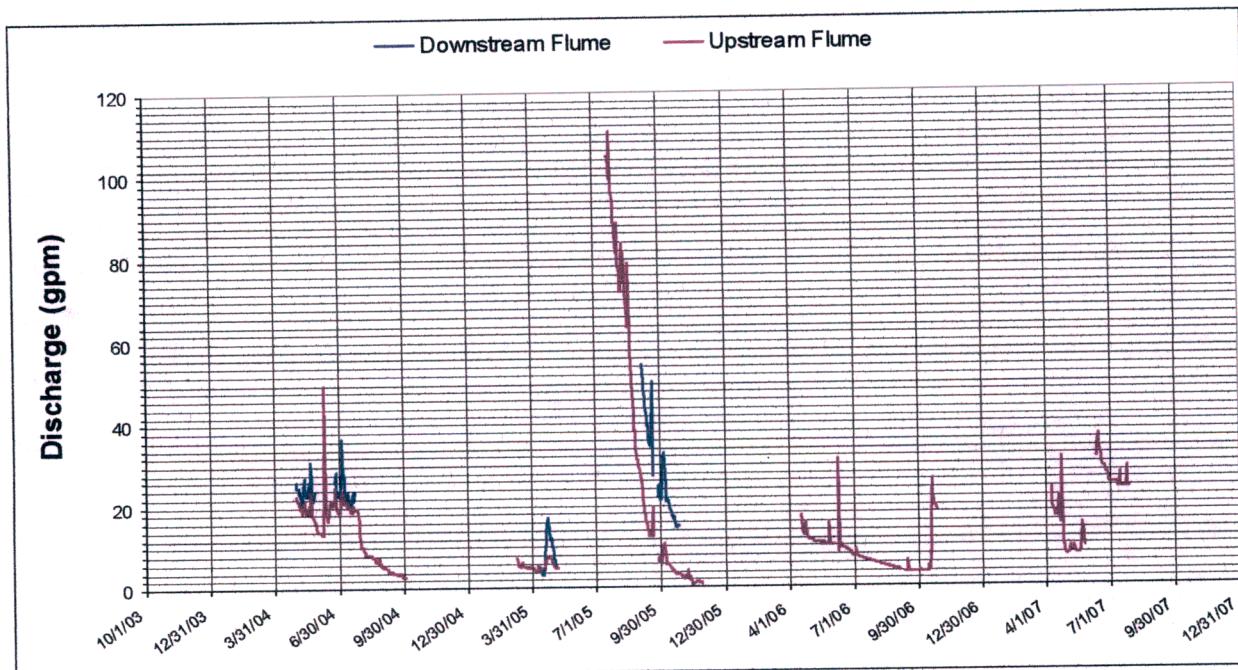


Figure 12. Horse Creek Discharge at DNRC Flumes

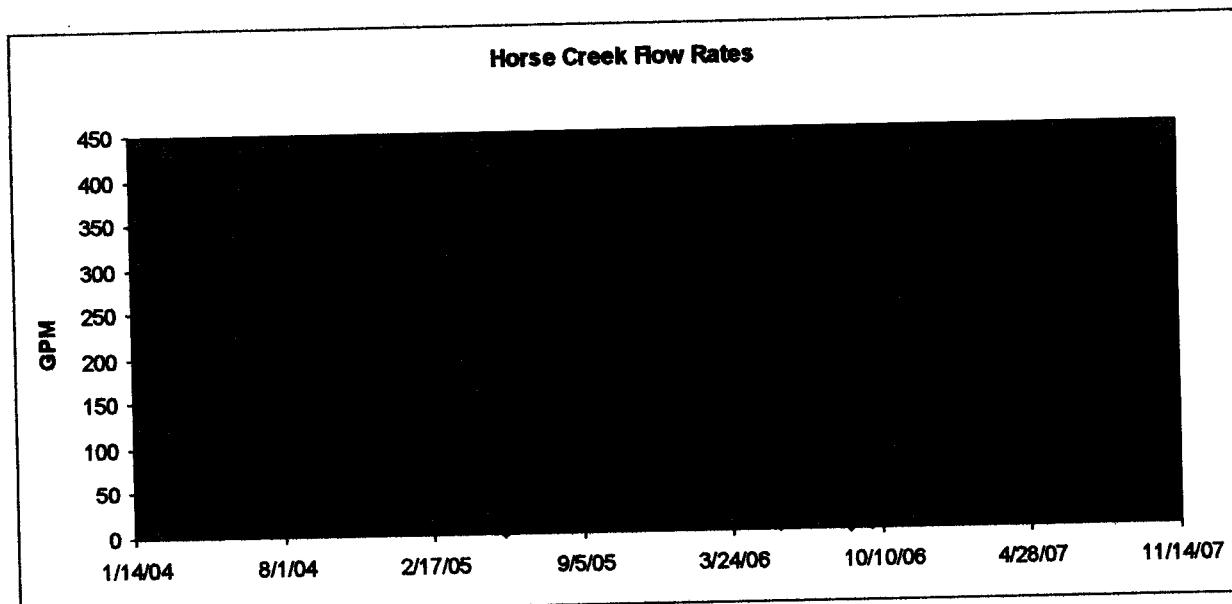


Figure 13. Horse Creek Discharge at Chandler Weir

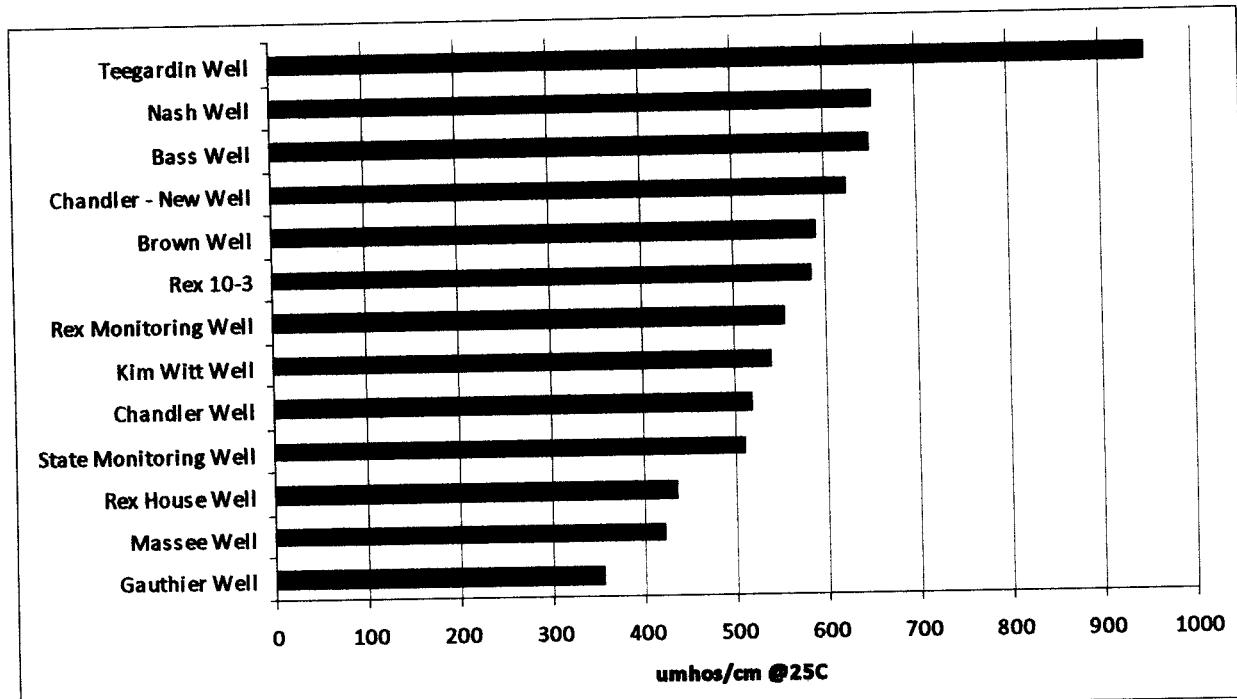


Figure 14. Average Conductivity of Horse Creek Area Wells.

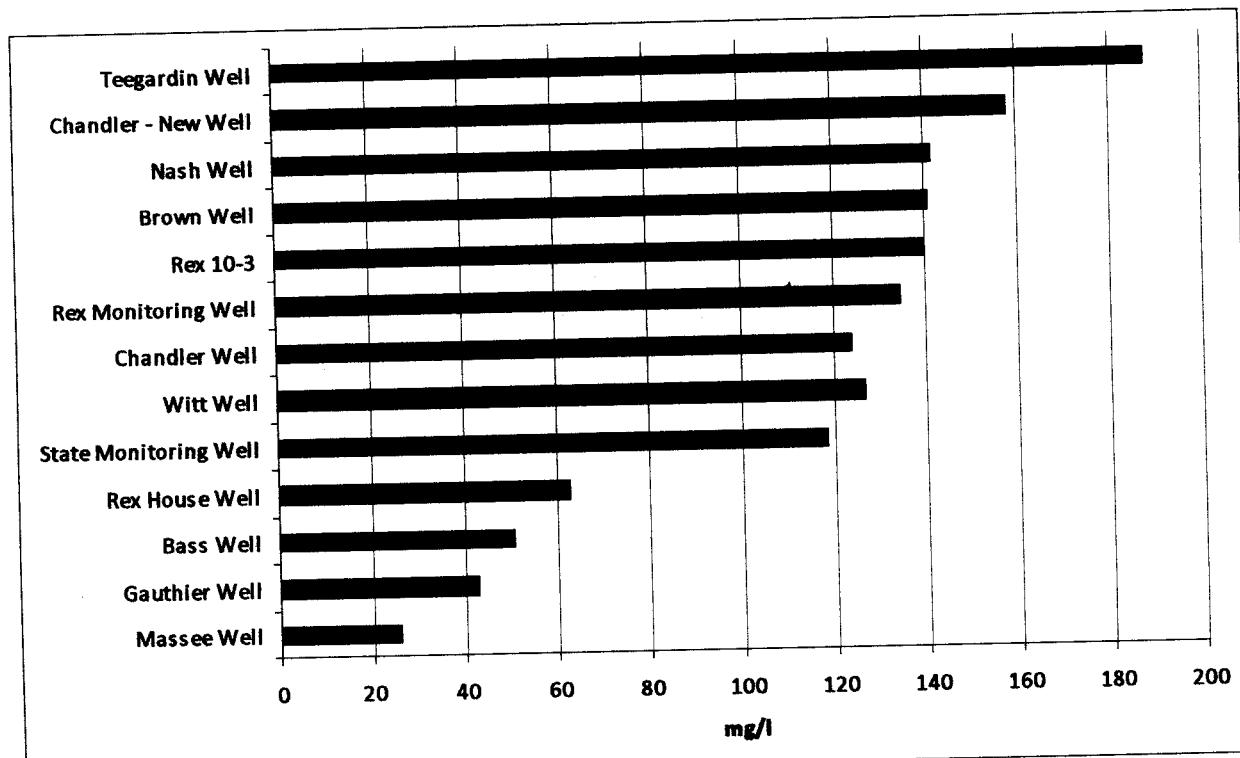


Figure 15. Average Sodium Concentrations in Horse Creek Area Wells.

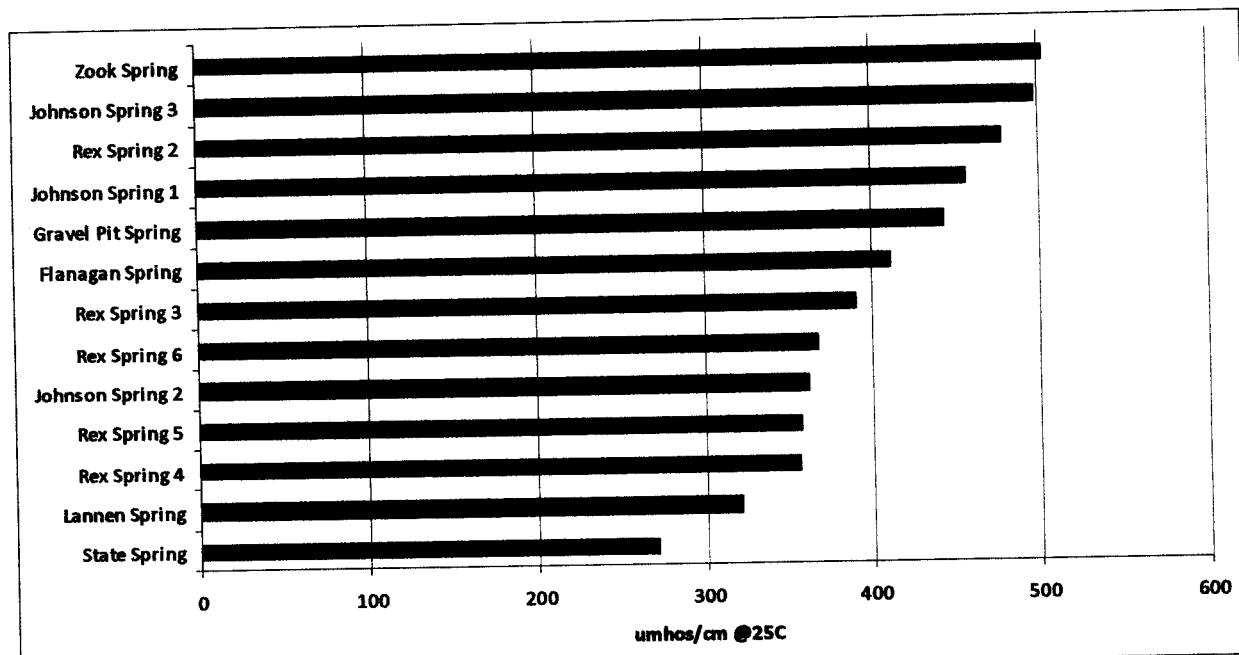


Figure 16. Average Conductivity of Horse Creek Area Springs.

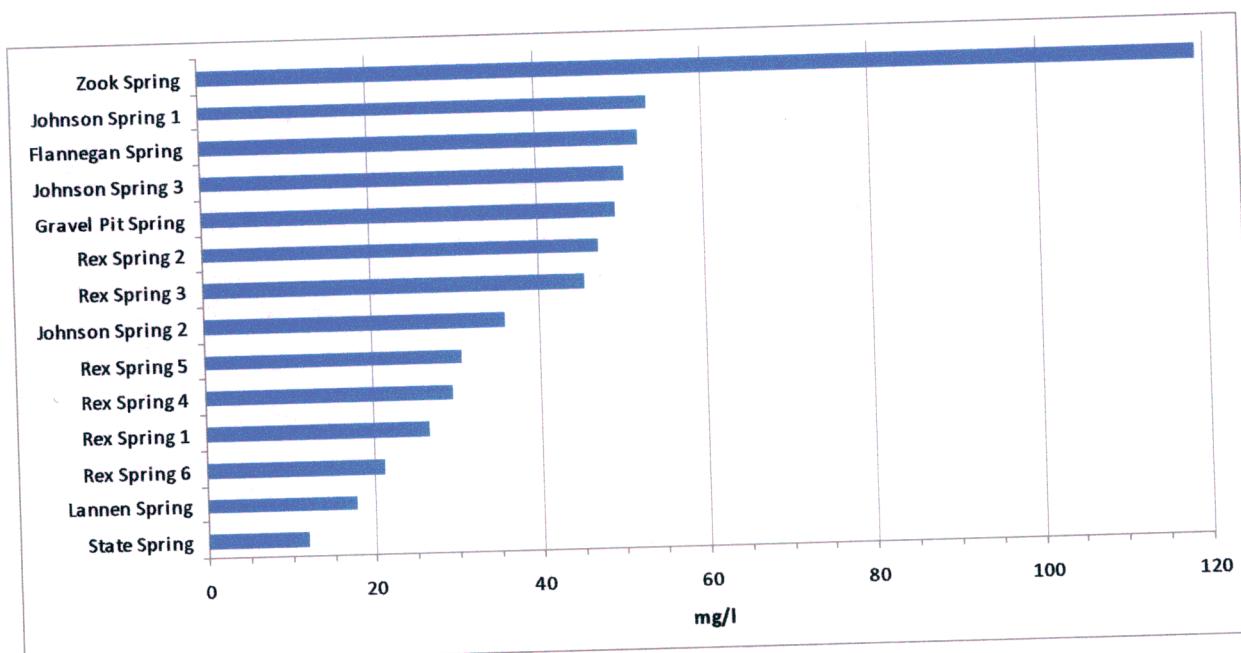


Figure 17. Average Sodium Concentrations in Horse Creek Area Springs.

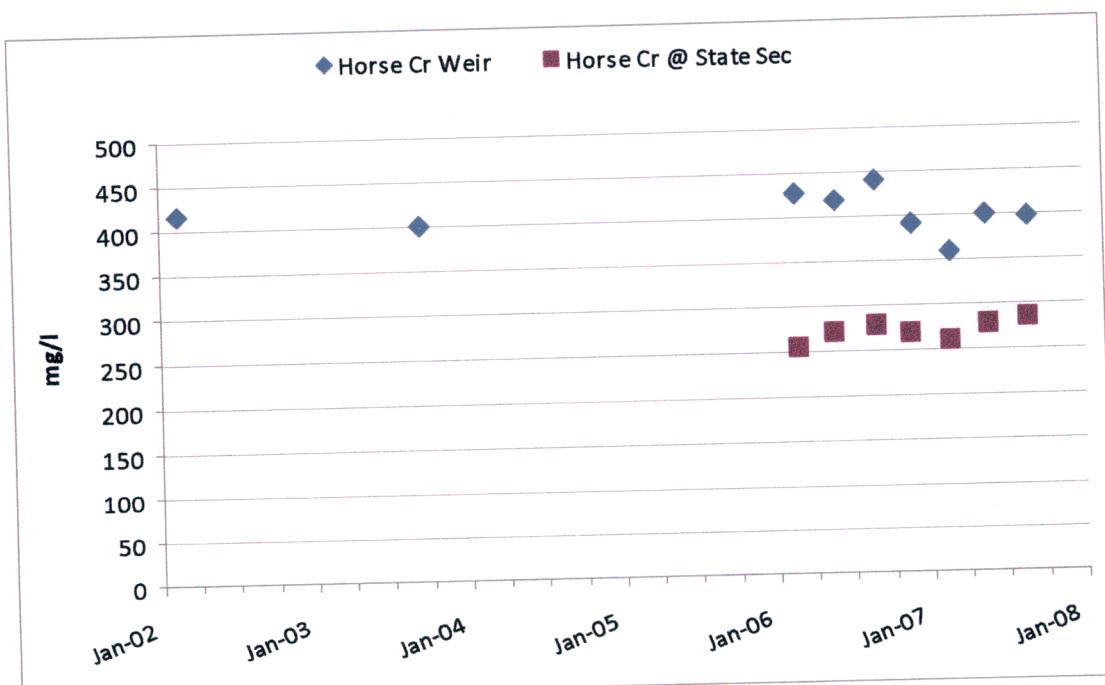


Figure 18. Conductivity of Horse Creek Monitoring Stations

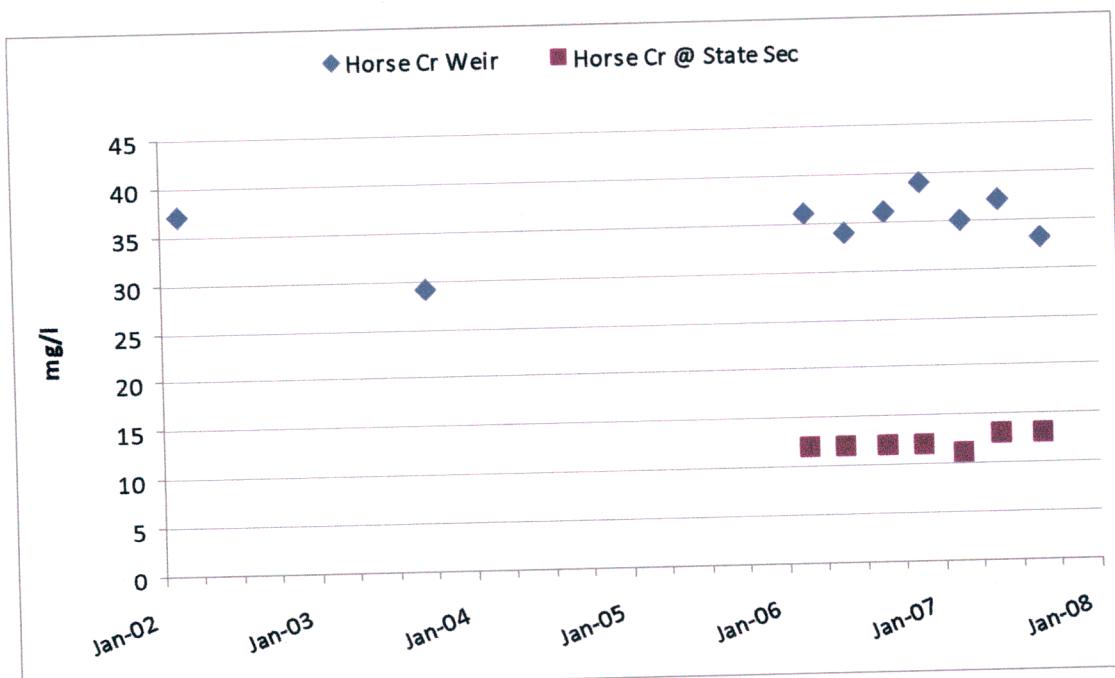


Figure 19. Sodium at Horse Creek Monitoring Stations.

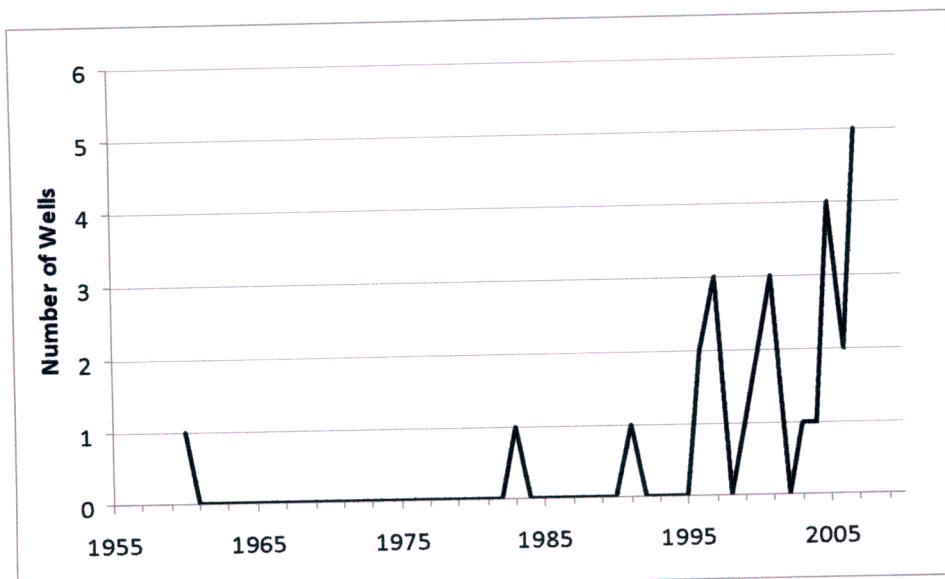


Figure 20. Number of Wells Drilled Per Year in Proposed Horse Creek CGWA, Per GWIC Records.

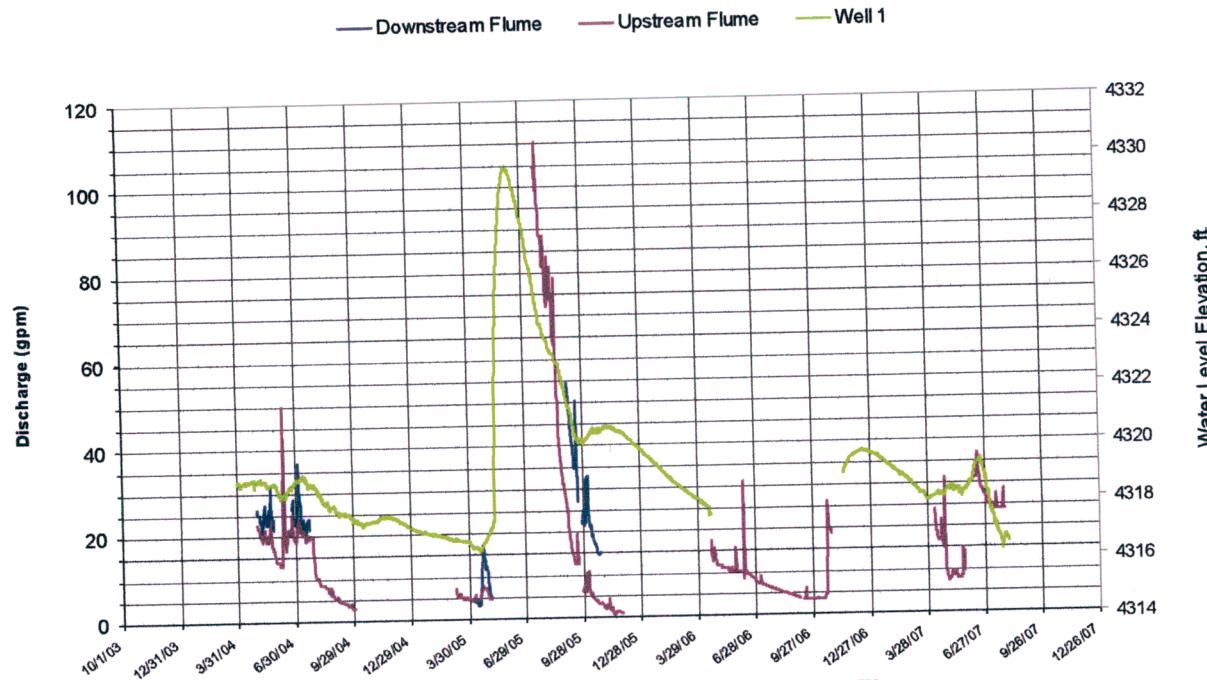


Figure 21. Hydrographs of Borland #1 Well and DNRC Horse Creek Flumes

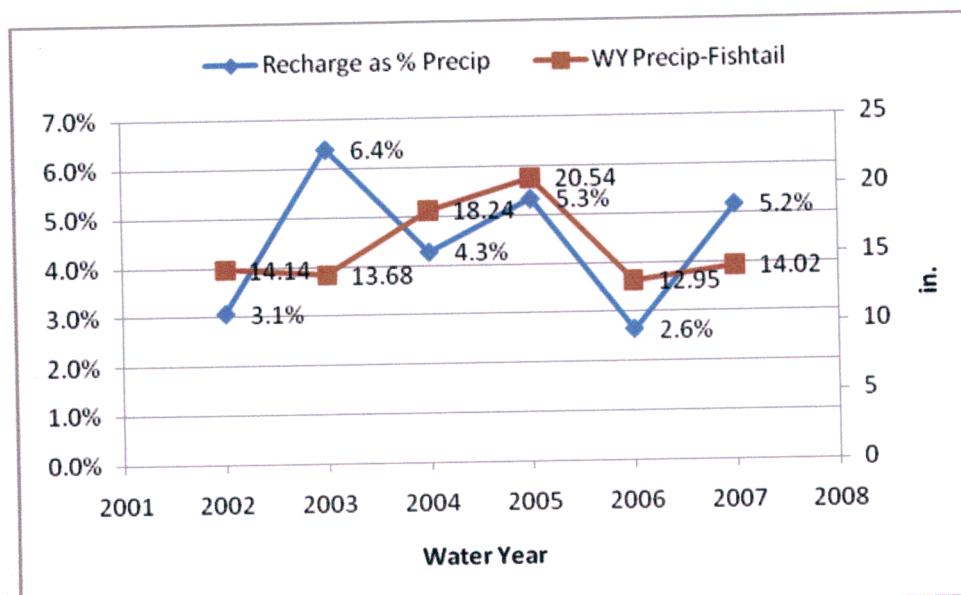


Figure 22. Trends in Annual Groundwater Recharge As Percent of Precipitation, Fishtail, MT.

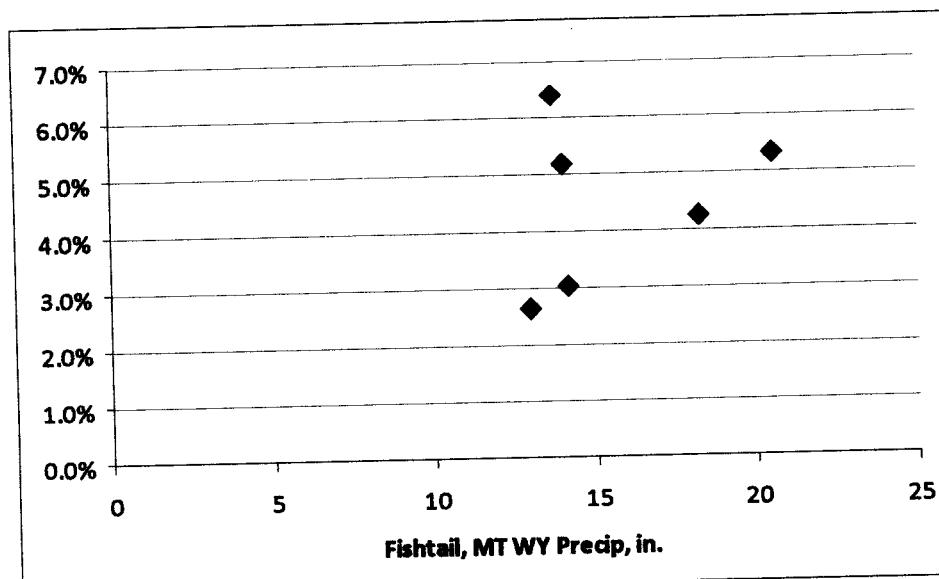
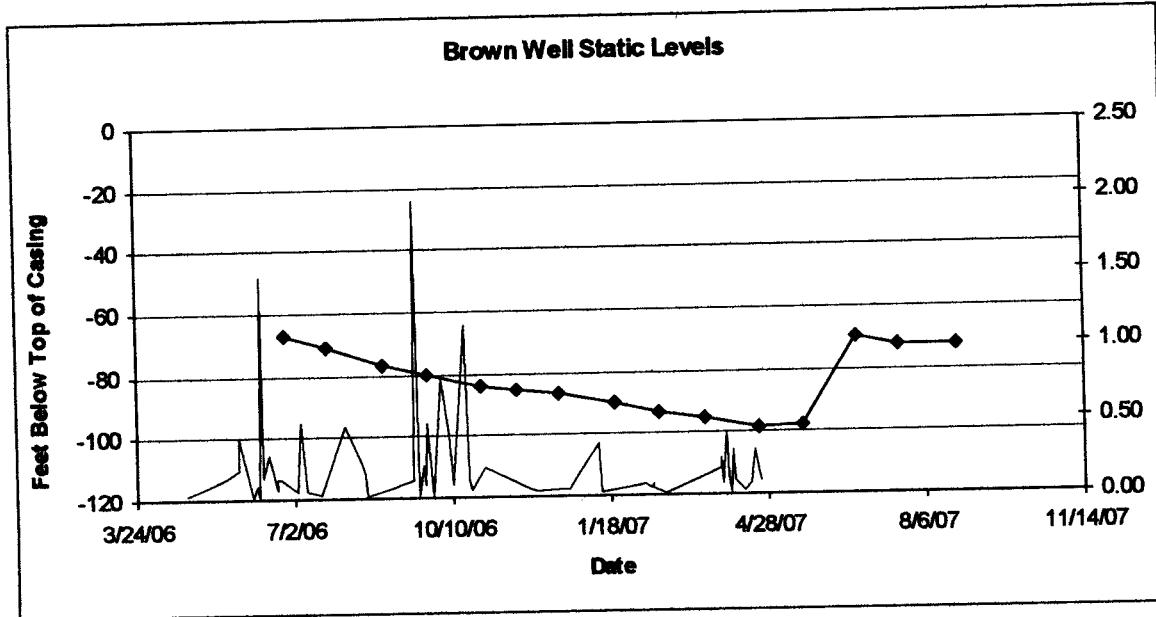
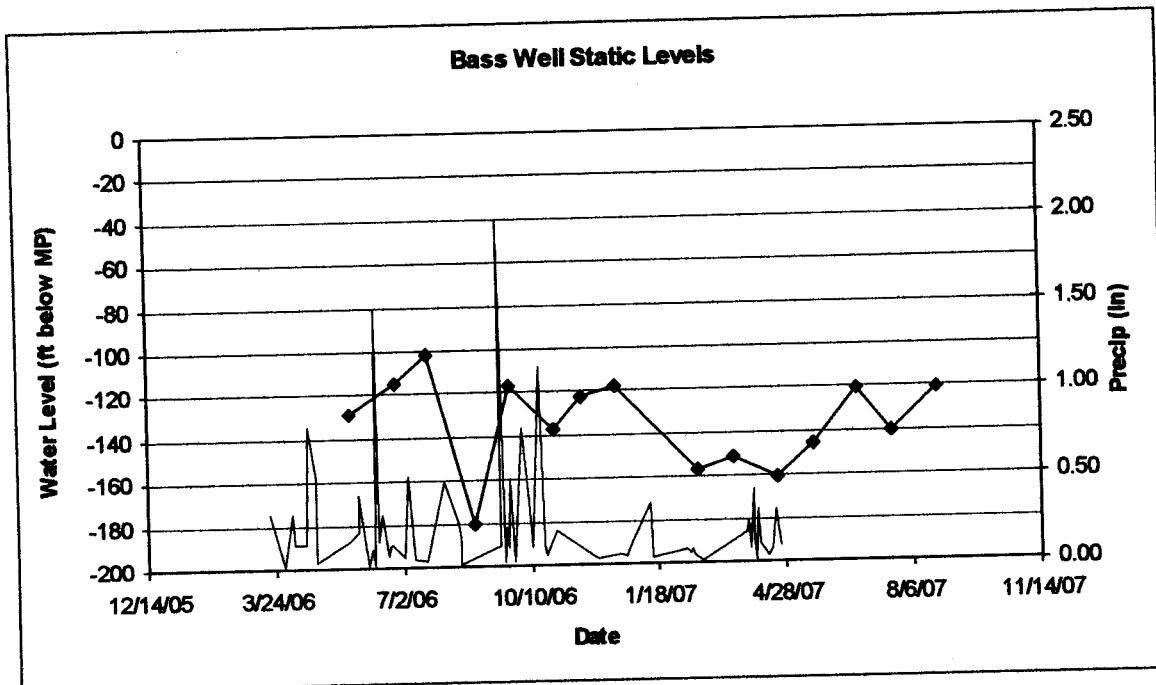
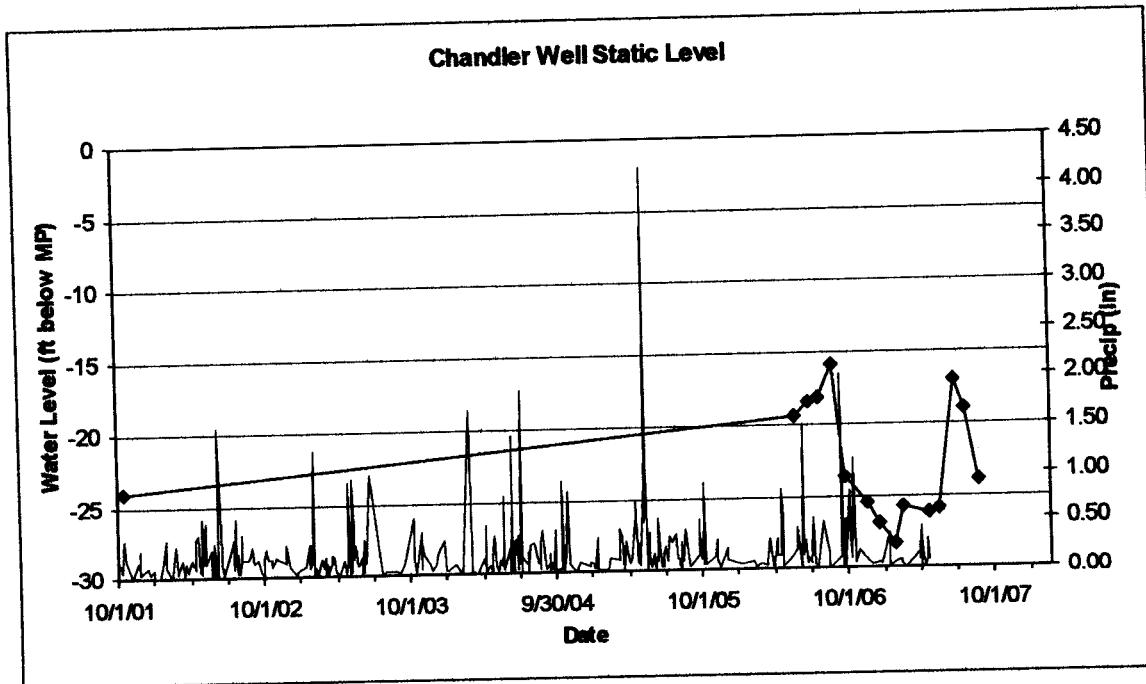
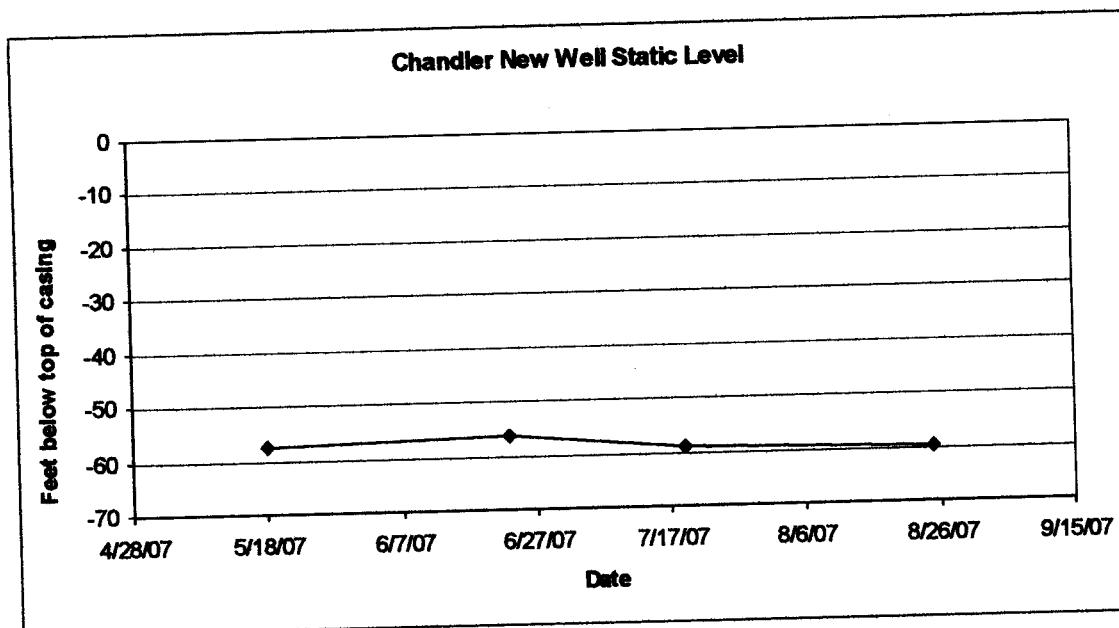
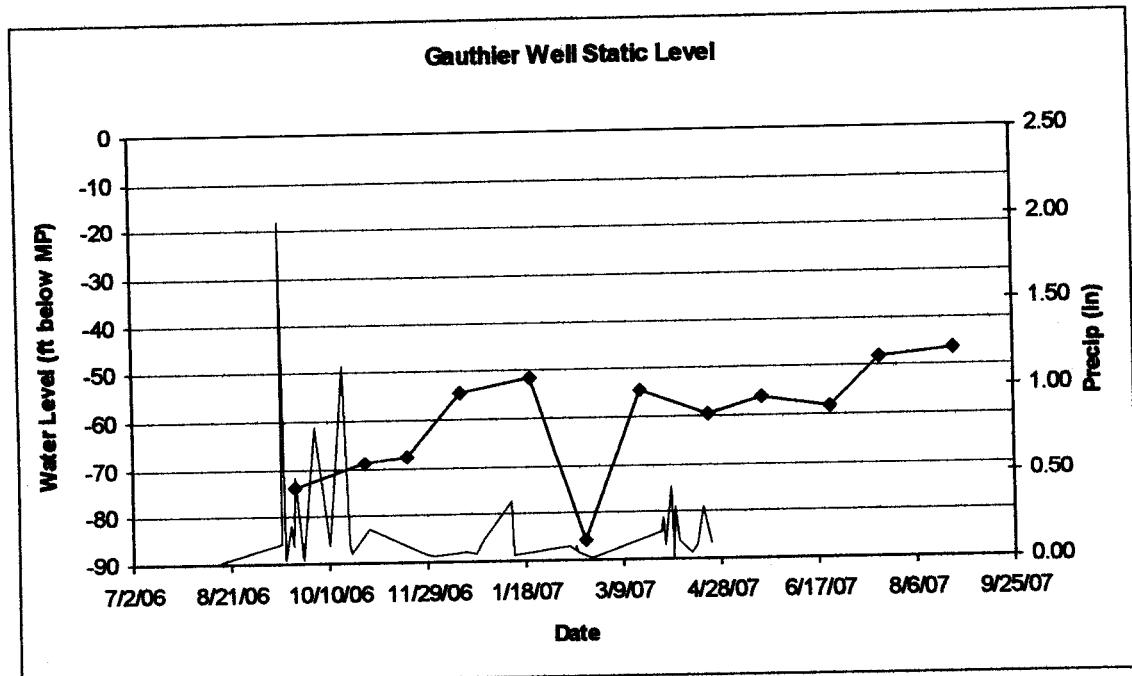
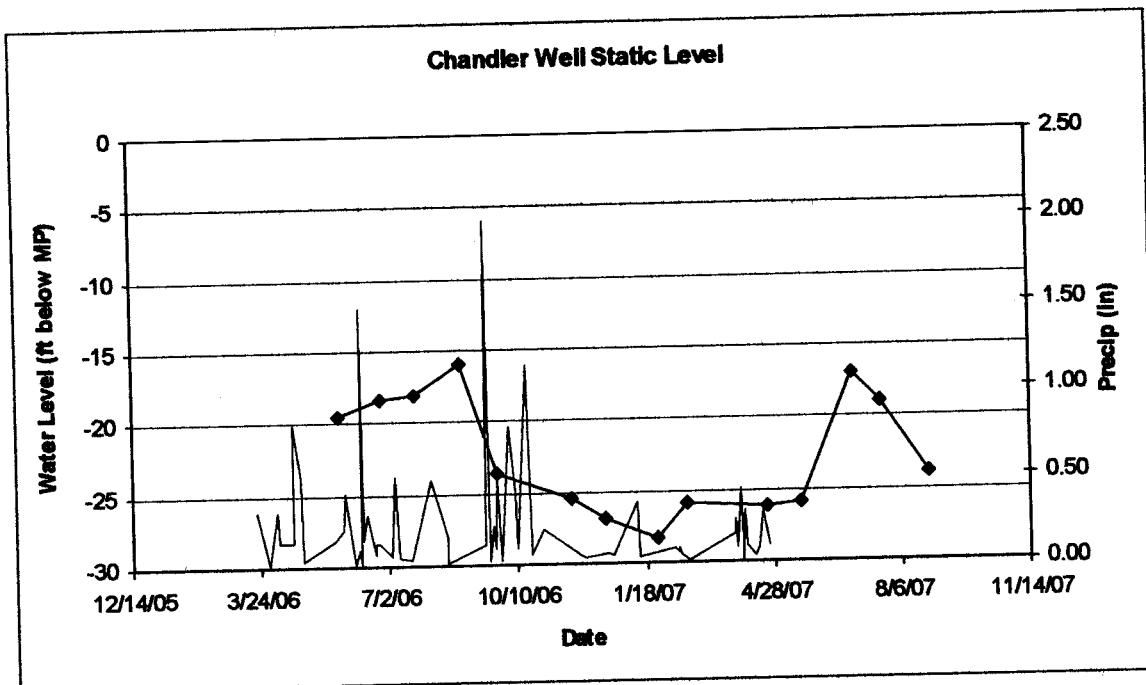


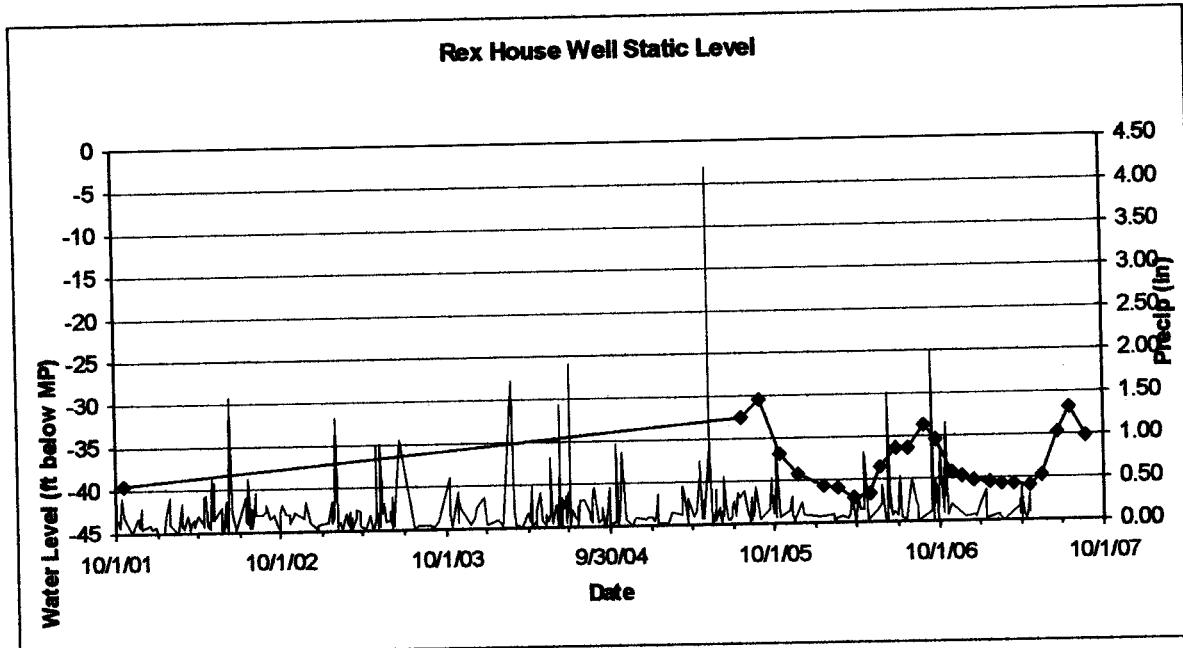
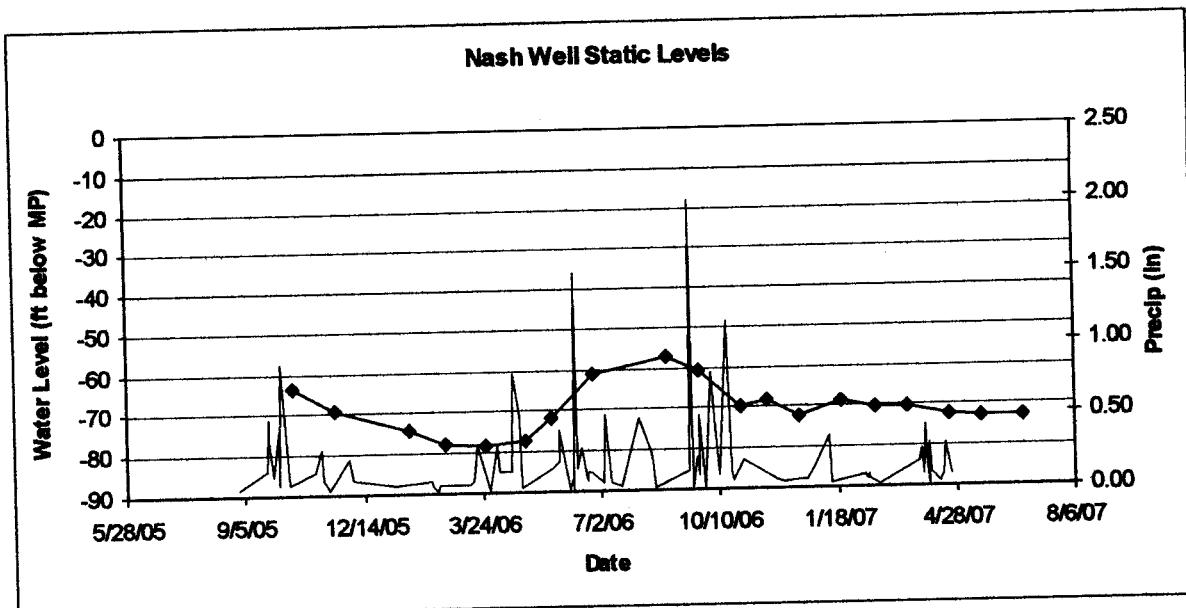
Figure 23. Groundwater Recharge as a Function of Annual Precipitation at Fishtail, MT.

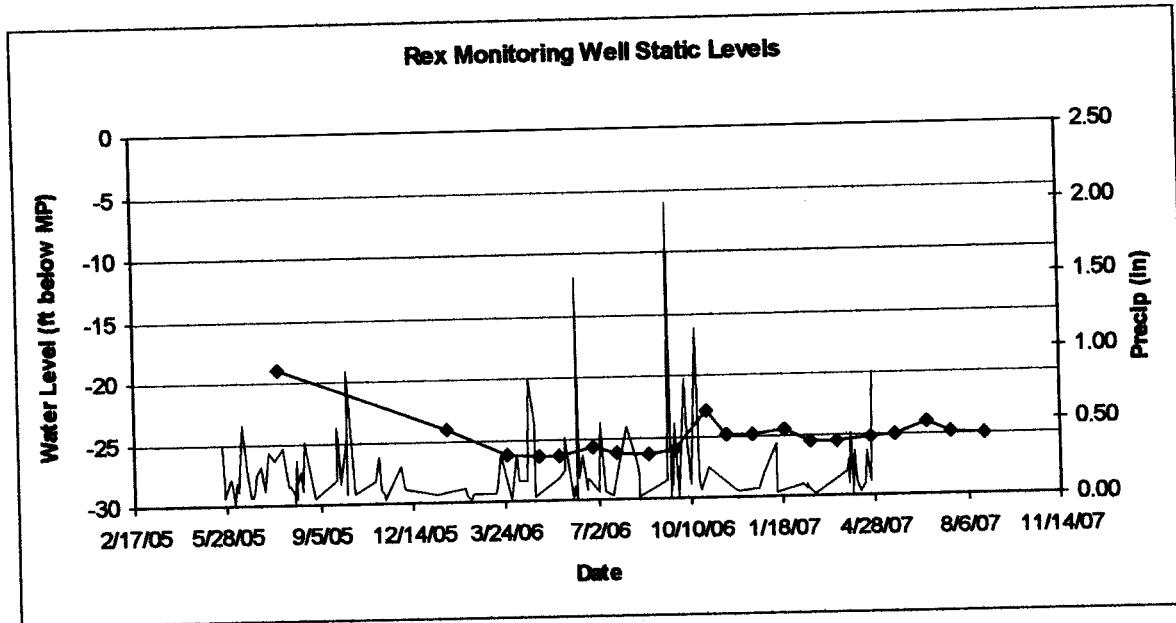
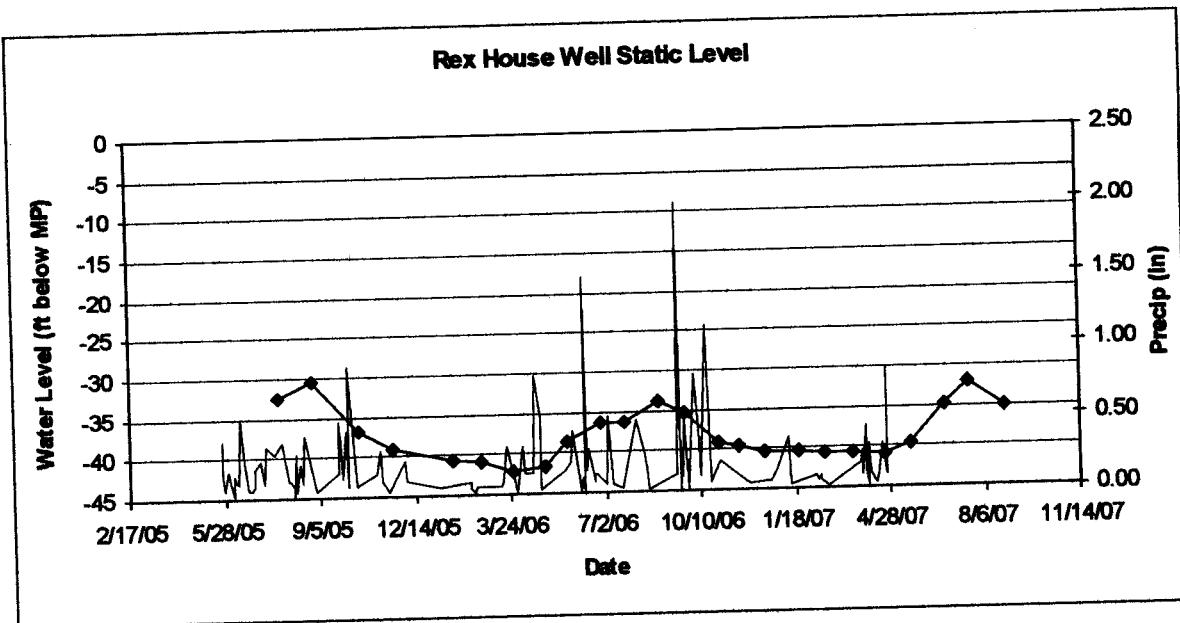
APPENDIX A
Groundwater Hydrographs

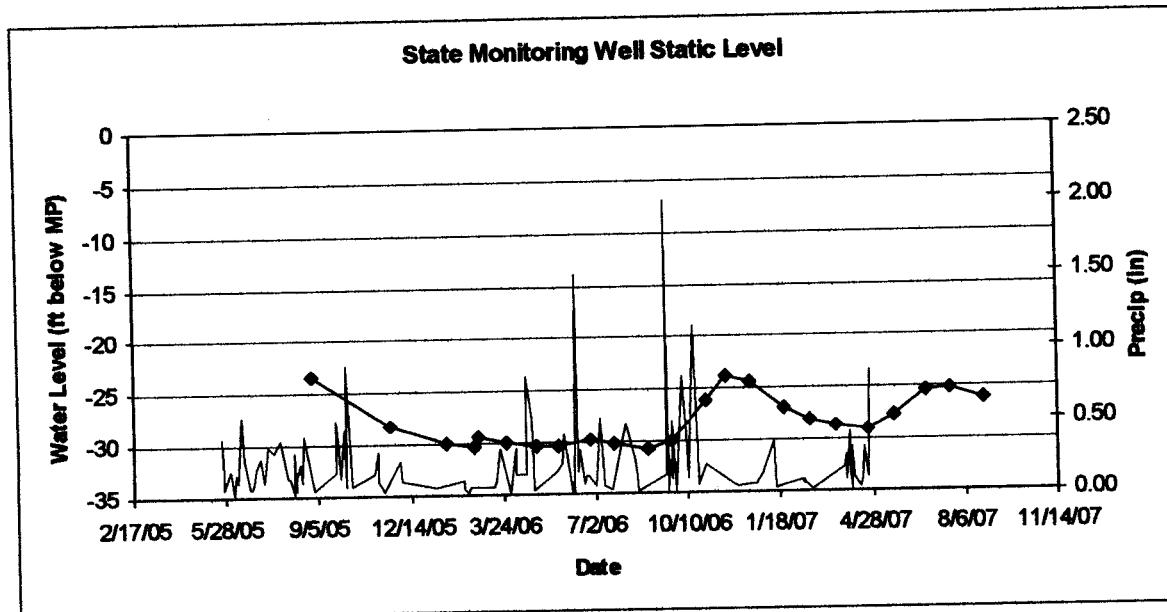
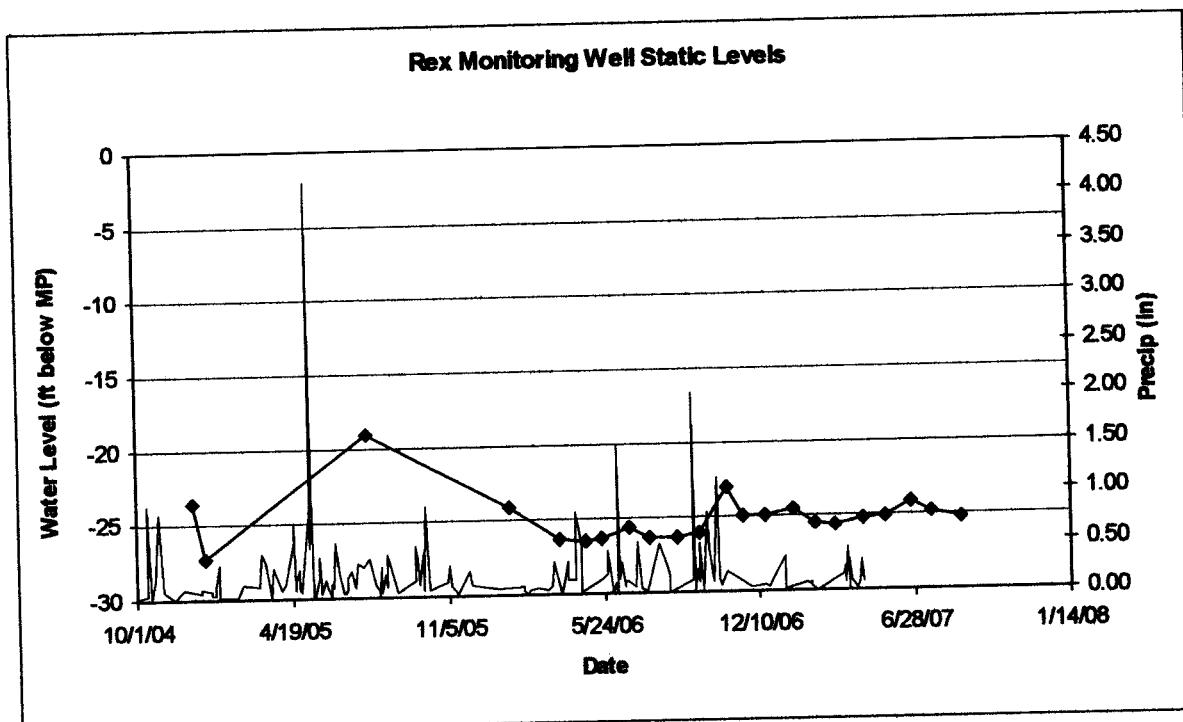


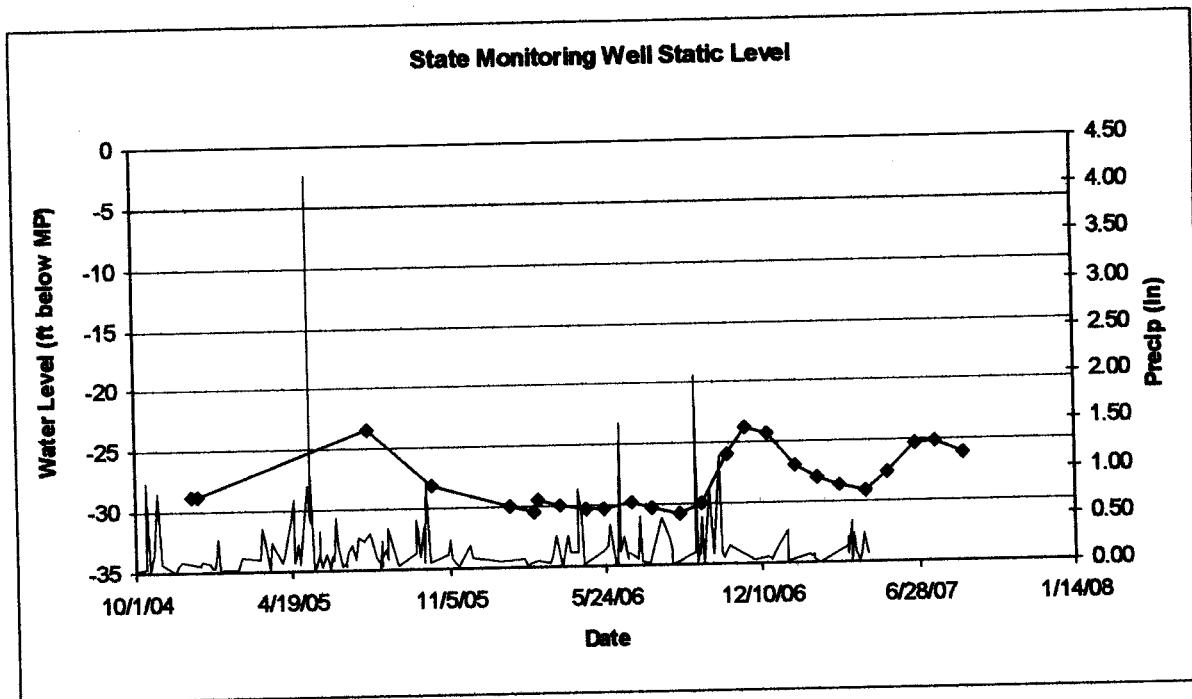




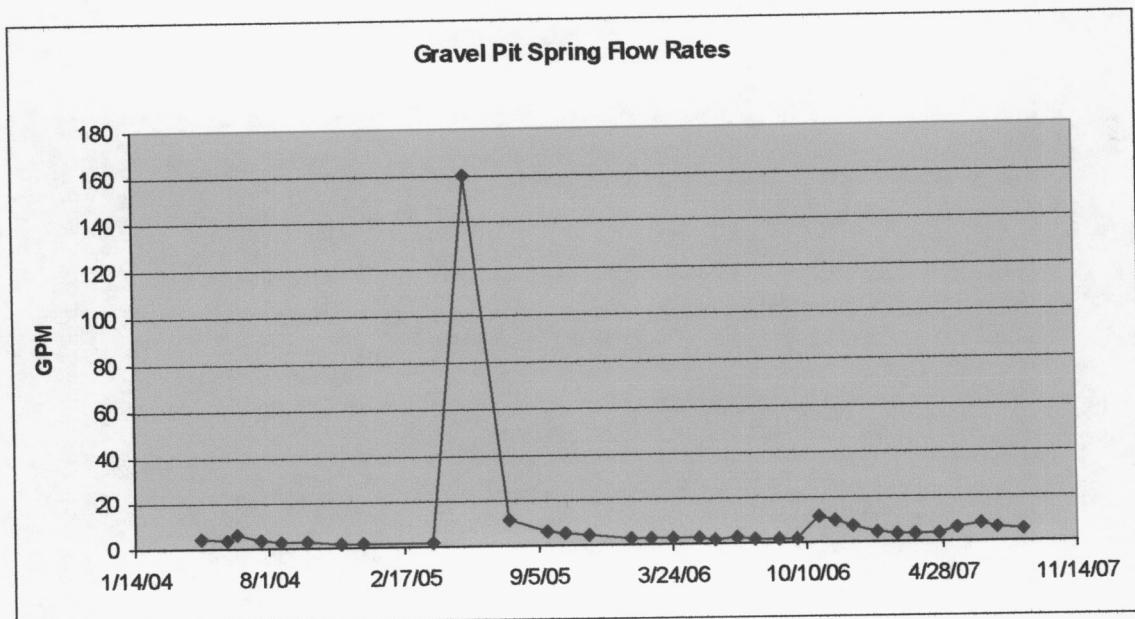
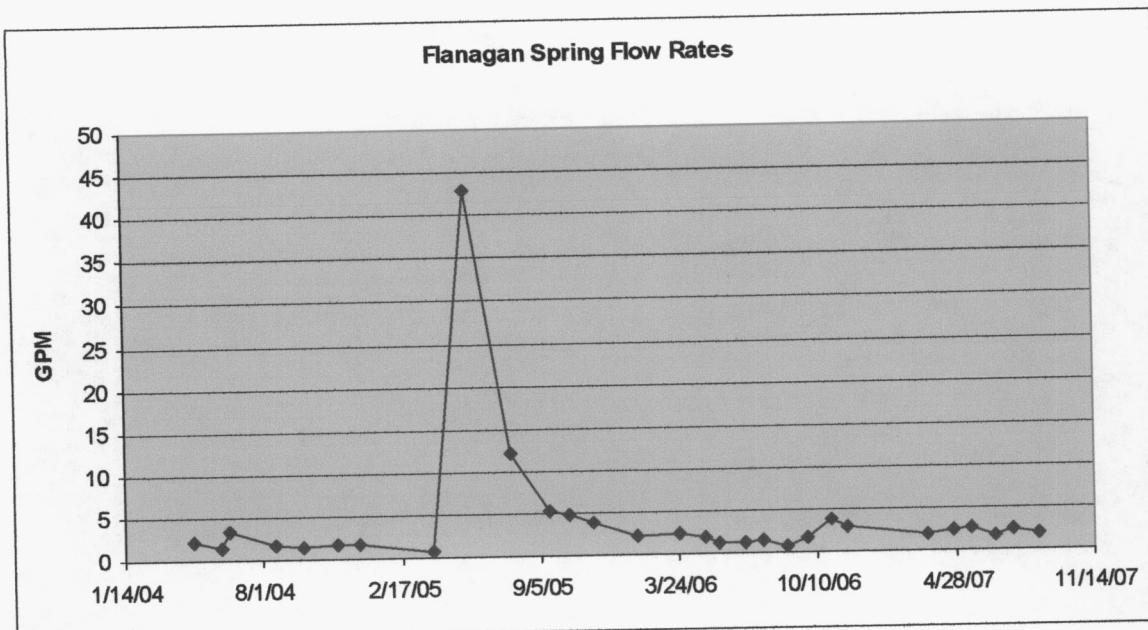


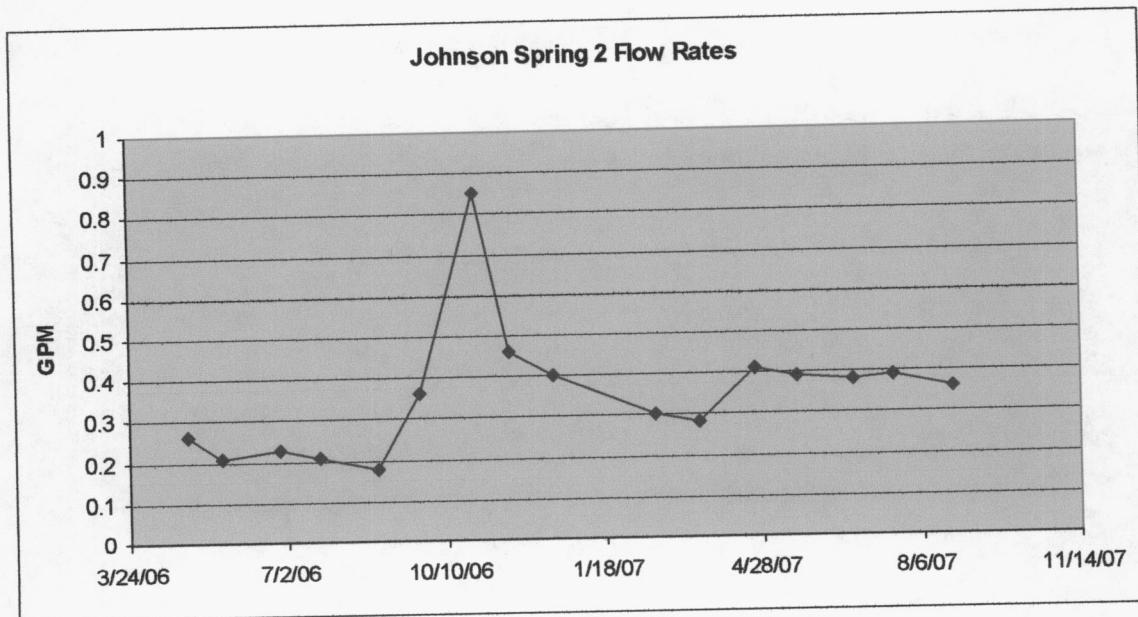
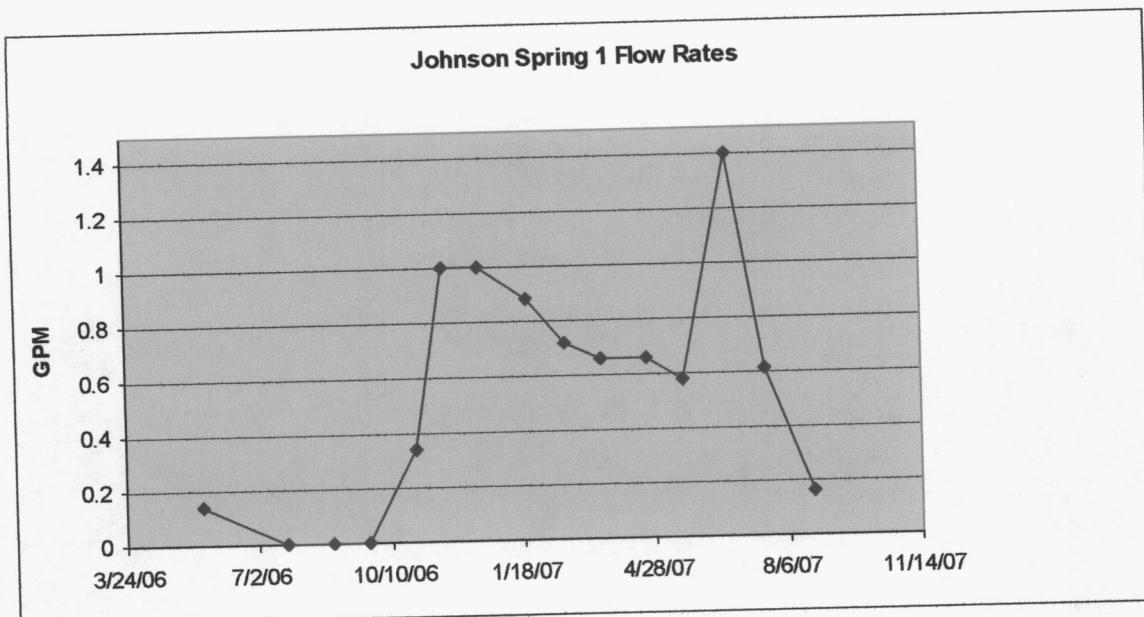


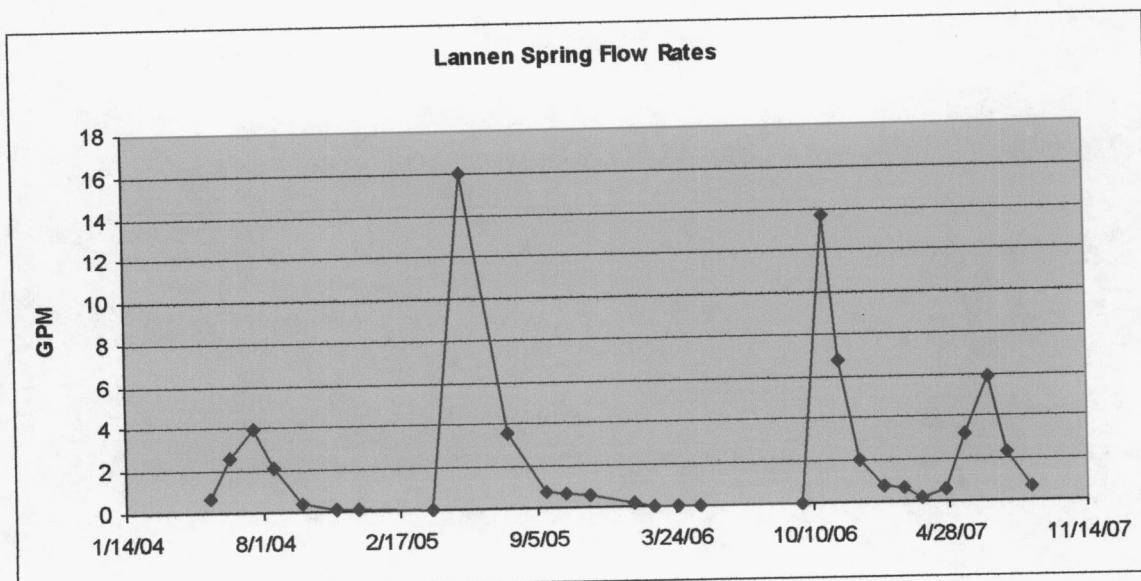
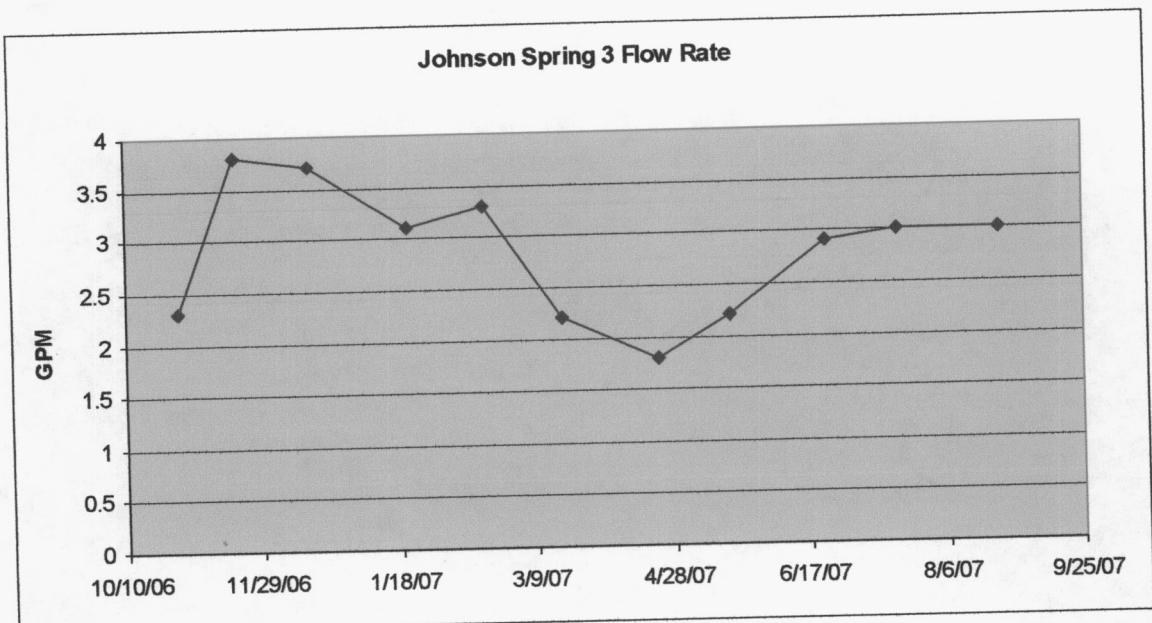


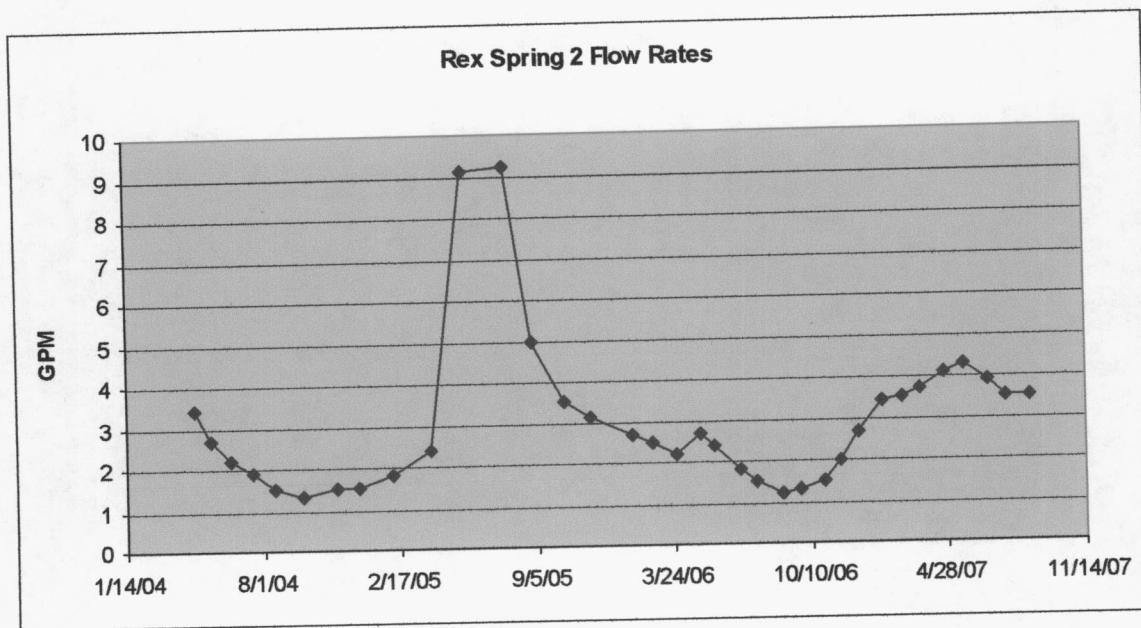
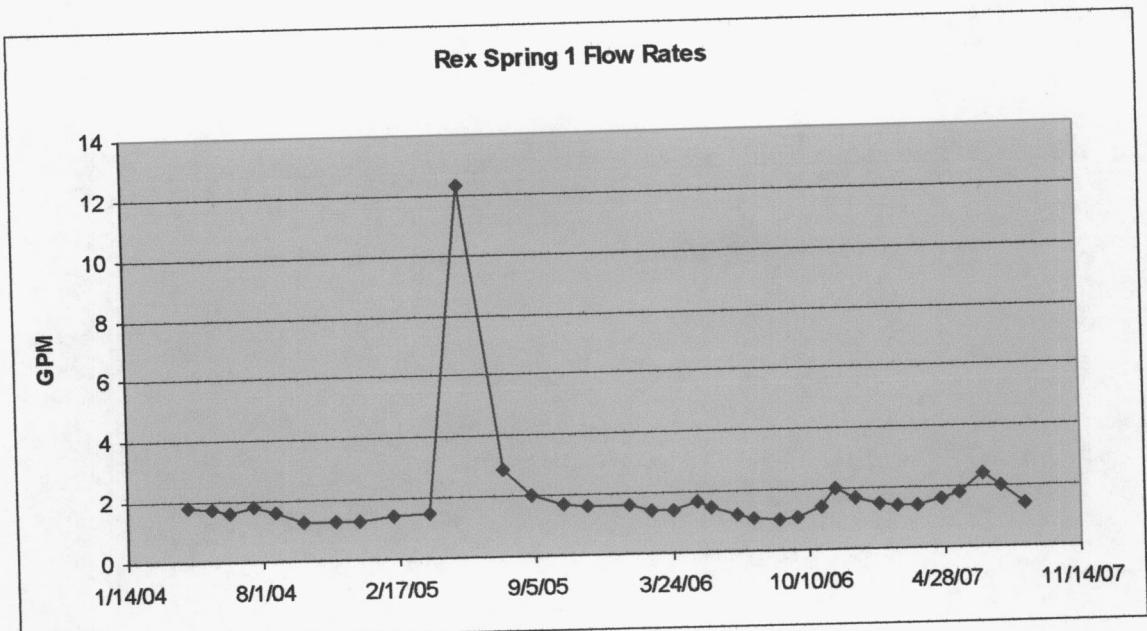


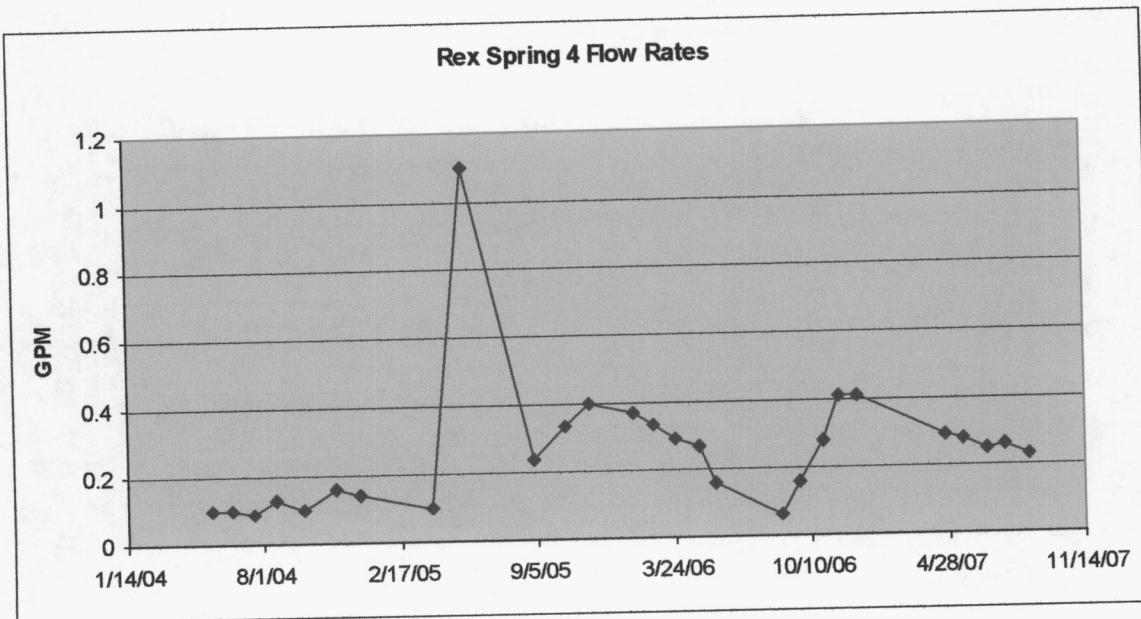
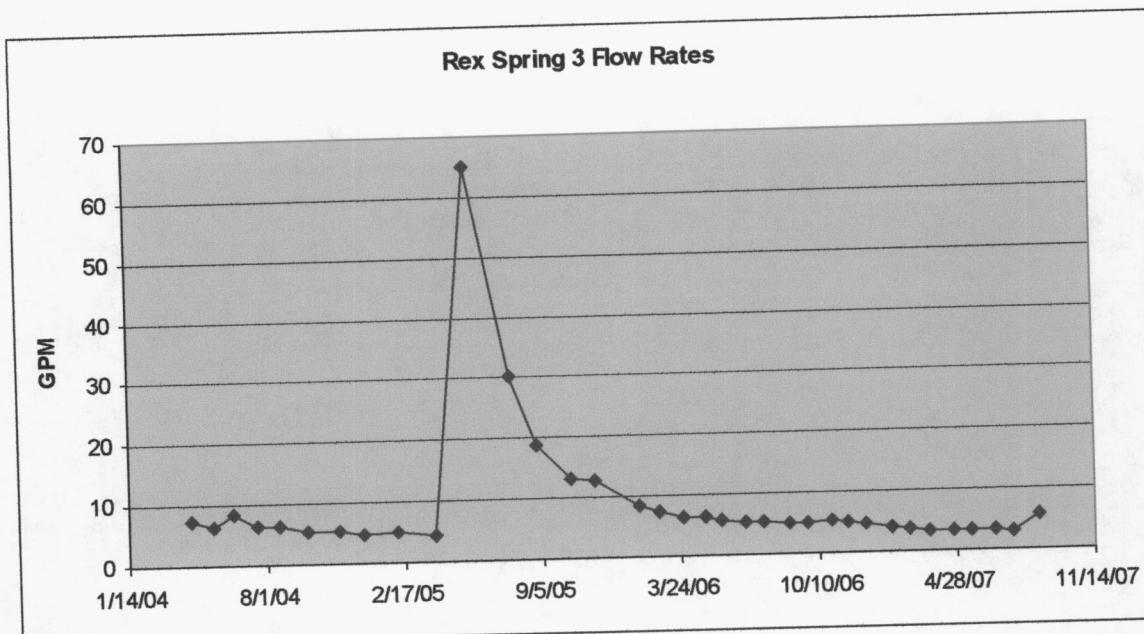
APPENDIX B
Spring Hydrographs

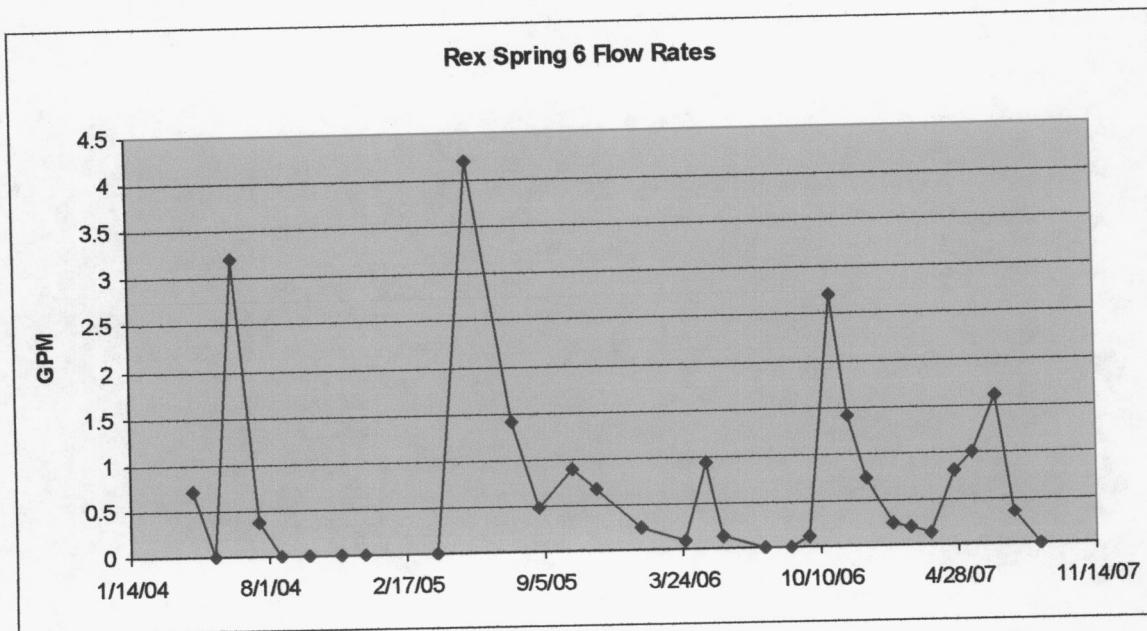
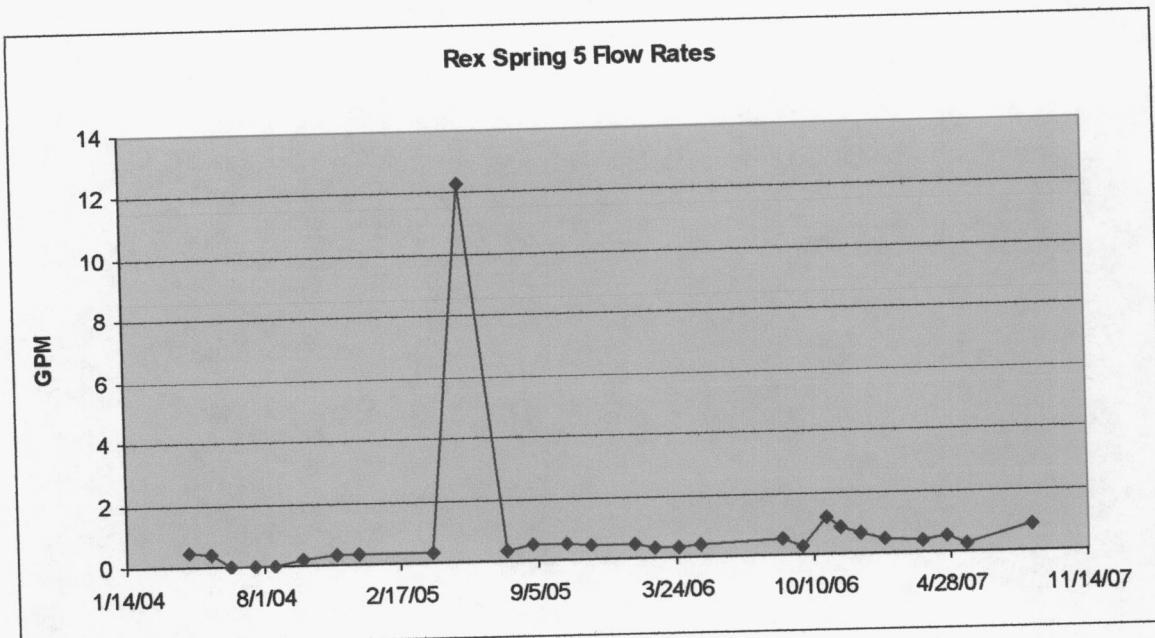


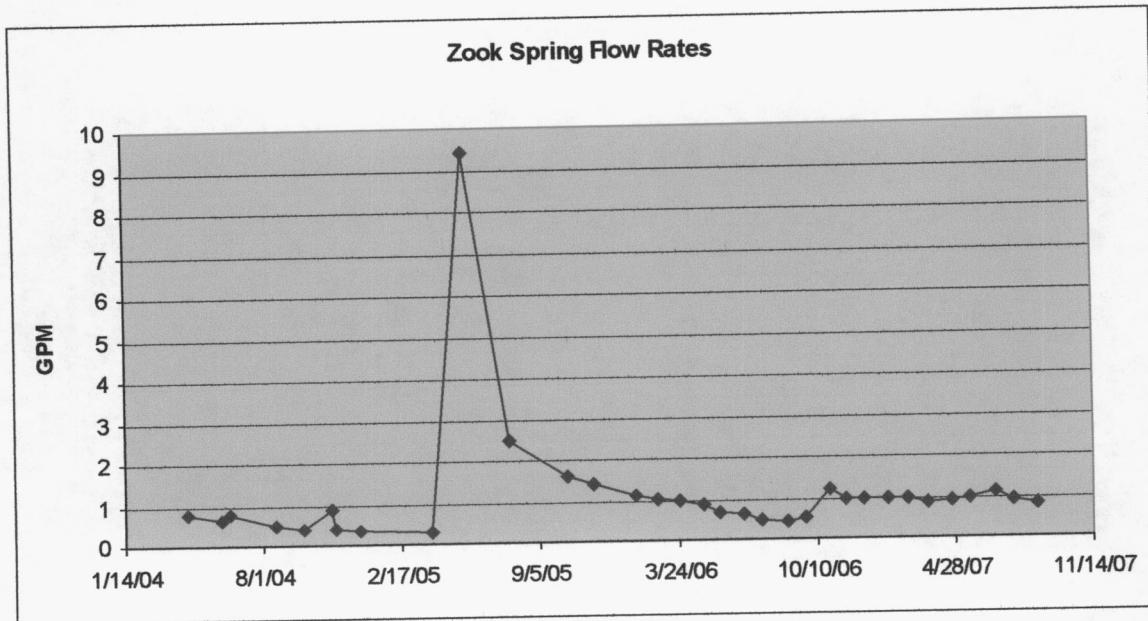
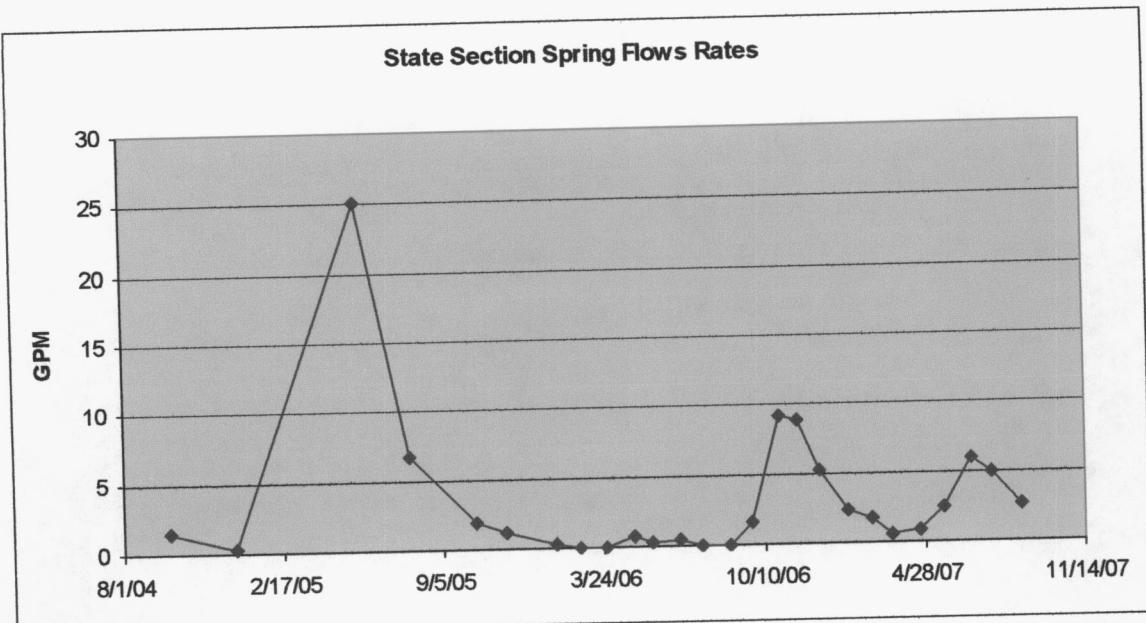


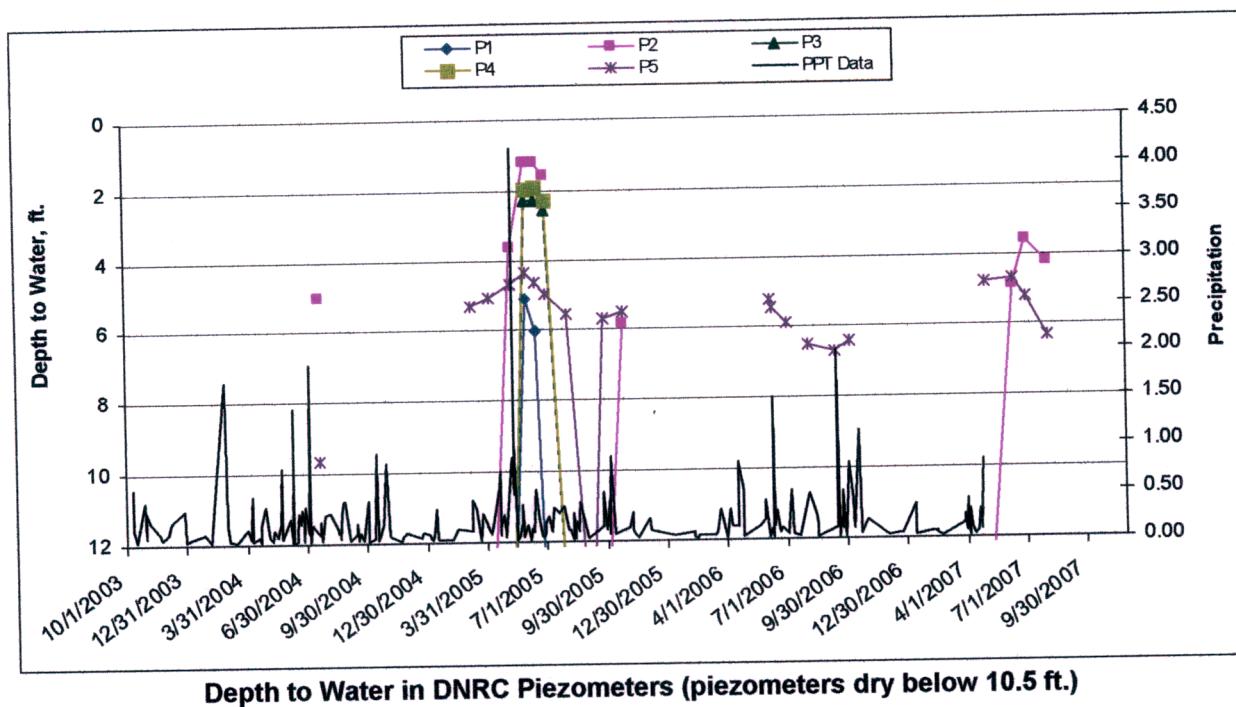












**APPENDIX C
Water Quality Data**

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceivedDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Zinc	ND	mg/L	0.01	E200.8	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Chloride	2 mg/L		1 E300.0		
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Nitrogen, Nitrate+Nitrite as N	0.1 mg/L		0.05	E353.2	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	pH	7.7 s.u.		0.1	E150.1	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Solids, Total Dissolved TDS @ 180 C	219 mg/L		10	A2540.C	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Carbonate as CO3	ND	mg/L	4	A2320.B	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Arsenic	ND	mg/L	0.005	E200.8	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Barium	0.1 mg/L		0.1	E300.8	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Sulfate	17 mg/L		1 E300.0		
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Manganese	0.09 mg/L		0.01	E200.8	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Bicarbonate as HCO3	278 mg/L		4	A2320.B	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Magnesium	10 mg/L		1	E200.7	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Alkalinity, Total as CaCO3	137 mg/L		1	A2340.B	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Conductivity	416 umhos/cm		1	A2510.B	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Sodium	37 mg/L		1	E300.7	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Calcium	39 mg/L		1	E300.7	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Iron	0.86 mg/L		0.03	E200.7	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Alkalinity, Total as CaCO3	228 mg/L		4	A2320.B	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Lead	ND	mg/L	0.01	E200.8	
B02020552-003	Aqueous	2/13/2002 14:10	2/14/2002	2/28/2002	Potassium	1 mg/L		1	E300.7	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Nitrogen, Nitrate+Nitrite as N	0.4 mg/L		0.05	E353.2	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Carbonate as CO3	ND	mg/L	4	A2320.B	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Alkalinity, Total as CaCO3	247 mg/L		4	A2320.B	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Sulfate	7.2 s.u.		0.1	E150.1	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Conductivity	475 umhos/cm		1	A2510.B	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Zinc	ND	mg/L	0.01	E300.8	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Bicarbonate as HCO3	302 mg/L		4	A2320.B	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Chloride	2 mg/L		1	E300.0	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Arsenic	23 mg/L		1	E300.7	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Barium	ND	mg/L	0.005	E200.8	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Manganese	ND	mg/L	0.01	E200.8	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Hardness as CaCO3	145 mg/L		1	A2340.B	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Solids, Total Dissolved TDS @ 180 C	228 mg/L		10	A2540.C	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Calcium	39 mg/L		1	E300.7	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Magnesium	12 mg/L		1	E300.7	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Potassium	ND	mg/L	1	E300.7	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Sodium	45 mg/L		1	E300.7	
B02020552-003	Aqueous	2/13/2002 15:05	2/14/2002	2/28/2002	Lead	ND	mg/L	0.01	E200.8	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Chloride	1 mg/L		1	E300.0	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	pH	7.7 s.u.		0.1	E150.1	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Conductivity	406 umhos/cm		1	A2510.B	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3	182 mg/L		3	A2320.B	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Bicarbonate as HCO3	223 mg/L		3	A2320.B	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C	215 mg/L		10	A2540.C	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Sulfate	22 mg/L		1	E300.0	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Carbonate as CO3	ND	mg/L	1	A2320.B	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Hardness as CaCO3	95 mg/L		1	A2340.B	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Magnesium	8 mg/L		1	E200.7	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Potassium	ND	mg/L	1	E200.7	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Sodium	39 mg/L		1	E200.7	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Calcium	25 mg/L		1	E200.7	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Dissolved AdSORption Ratio [SAR]	1.73		0.01	Calculation	
B03090735-001	Aqueous	9/14/2003 11:18	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N	0.21 mg/L		0.05	E353.2	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Conductivity	437 umhos/cm		1	A2540.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Chloride	2 mg/L		1	E300.0	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	pH	7.5 s.u.		0.1	E150.1	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sulfate	18 mg/L		1	E300.0	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C	244 mg/L		10	A2540.C	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Carbonate as CO3	ND	mg/L	1	A2320.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3	204 mg/L		3	A2320.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Bicarbonate as HCO3	249 mg/L		3	A2320.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Hardness as CaCO3	95 mg/L		1	A2340.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Calcium	24 mg/L		1	E200.7	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Magnesium	9 mg/L		1	E200.7	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Potassium	2 mg/L		1	E200.7	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sodium	47 mg/L		1	E200.7	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Lead	2.09		0.01	Calculation	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N	0.16 mg/L		0.05	E353.2	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C	178 mg/L		10	A2540.C	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sulfate	9 mg/L		1	E300.0	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Carbonate as CO3	1 mg/L		1	E300.0	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3	7.4 s.u.		0.1	E150.1	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Bicarbonate as HCO3	183 mg/L		3	A2320.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Hardness as CaCO3	150 mg/L		3	A2320.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C	321 umhos/cm		1	A2510.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sulfate	0.7 mg/L		1	A2320.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Carbonate as CO3	17 mg/L		1	E200.7	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3	9 mg/L		1	E200.7	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Bicarbonate as HCO3	29 mg/L		1	E200.7	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Hardness as CaCO3	111 mg/L		1	A2340.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N	0.55 mg/L		0.05	E353.2	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	pH	7.7 s.u.		0.1	E150.1	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Sulfate	13 mg/L		1	E300.0	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Carbonate as CO3	193 mg/L		3	A2320.B	
B03090735-002	Aqueous	9/14/2003 12:15	9/15/2003	9/18/2003	Alkalinity, Total as CaCO3	400 umhos/cm		1	A2510.B	
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Conductivity	236 mg/L		3	A2320.B	
B03090735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sulfate	mg/L		1	A2320.B	

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C	227 mg/L	10 A2540 C			
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Chloride	2 mg/L	1	E000.0		
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Hardness as CaCO ₃	120 mg/L	1	A2340 B		
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sodium	29 mg/L	1	E200.7		
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Calcium	34 mg/L	1	E200.7		
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Magnesium	9 mg/L	1	E200.7		
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)	1.15	0.01	Calculation		
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Potassium	1 mg/L	1	E200.7		
B0390735-004	Aqueous	9/14/2003 15:05	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N	0.08 mg/L	0.05	E353.2		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Conductivity	523 umhos/cm	1	A2510 B		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Alkalinity, Total as CaCO ₃	226 mg/L	3	A2320 B		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Bicarbonate as HCO ₃	278 mg/L	3	A2320 B		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Carbonate as CO ₃	ND	mg/L	1	A2320 B	
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C	296 mg/L	10 A2540 C			
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Chloride	3 mg/L	1	E000.0		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Sulfate	33 mg/L	1	E000.0		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	pH	7.6 s.u.	0.1	E150.1		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Hardness as CaCO ₃	17.8	0.01	Calculation		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)	ND	mg/L	1	E200.7	
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Magnesium	2 mg/L	1	E200.7		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Chromium	ND	mg/L	1	E200.7	
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Potassium	105 mg/L	1	E200.7		
B0390735-005	Aqueous	9/14/2003 16:08	9/15/2003	9/18/2003	Sodium	0.07 mg/L	0.05	E353.2		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Solids, Total Dissolved TDS @ 180 C	223 mg/L	10 A2540 C			
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Chloride	3 mg/L	1	E000.0		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Calcium	25 mg/L	1	E000.0		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sulfate	584 umhos/cm	1	A2320 B		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Carbonate as CO ₃	229 mg/L	3	A2320 B		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Bicarbonate as HCO ₃	187 mg/L	3	A2320 B		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Alkalinity, Total as CaCO ₃	7.4 s.u.	0.1	E150.1		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	pH	421 umhos/cm	1	A2320 B		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Conductivity	144 mg/L	1	A2340 B		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Hardness as CaCO ₃	35 mg/L	1	E200.7		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Potassium	1 mg/L	1	E200.7		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sodium	26 mg/L	1	E200.7		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Magnesium	14 mg/L	1	E200.7		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Sodium Adsorption Ratio (SAR)	0.95	0.01	Calculation		
B0390735-005	Aqueous	9/14/2003 17:00	9/15/2003	9/18/2003	Nitrogen, Nitrate+Nitrite as N	0.17 mg/L	0.05	E353.2		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Solids, Total Dissolved TDS @ 180 C	265 mg/L	2	A2320 B		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Bicarbonate as HCO ₃	30 mg/L	1	A2320 B		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Chloride	2 mg/L	1	E000.0		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Copper	32 mg/L	1	E000.0		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Iron	584 umhos/cm	1	A2510 B		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Fluoride	2.51 mg/L	0.1	A4500-F C		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	pH	8.8 s.u.	0.1	E150.1		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Solids, Total Dissolved TDS @ 180 C	400 mg/L	10 A2540 C			
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Alkalinity, Total as CaCO ₃	267 mg/L	3	A2320 B		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Arsenic	140 mg/L	1	E200.7		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Zinc	ND	mg/L	0.01	E200.7	
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Lead	ND	mg/L	0.01	E200.8	
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Hardness as CaCO ₃	3 mg/L	1	A2340 B		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Sodium Adsorption Ratio (SAR)	34.6	0.01	Calculation		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Calcium	1 mg/L	1	E200.7		
B04121666-001	Aqueous	12/28/2004 16:00	12/30/2004	1/1/2005	Nitrogen, Nitrate+Nitrite as N	0.06 mg/L	0.05	E353.2		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Chloride	23 mg/L	1	E000.0		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Carbonate as CO ₃	572 mg/L	10 A2540 C			
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sulfate	108 mg/L	1	E000.0		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Potassium	8.2 s.u.	0.1	E150.1		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Calcium	949 umhos/cm	1	A2510 B		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Magnesium	382 mg/L	1	A2320 B		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sodium	466 mg/L	1	A2320 B		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Chloride	572 mg/L	10 A2540 C			
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sulfate	165 mg/L	0.05	E353.2		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Conductivity	188 mg/L	1	E200.7		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	8.5	0.01	Calculation		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)	ND	mg/L	1	E200.7	
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Calcium	28 mg/L	1	E200.7		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Hardness as CaCO ₃	93 mg/L	1	A2340 B		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Magnesium	6 mg/L	1	E200.7		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Chloride	2 mg/L	1	E000.0		
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Sulfate	430 mg/L	10 A2540 C			
B06021281-001	Aqueous	2/20/2006 10:23	2/21/2006	3/3/2006	Conductivity	9.1 s.u.	0.1	E150.1		
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	56 mg/L	1	E000.0		
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Sodium Adsorption Ratio (SAR)	18.5	0.01	Calculation		
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Calcium	12 mg/L	1	A2340 B		
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Magnesium	146 mg/L	1	E200.7		
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Sodium	3 mg/L	1	E200.7		
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Chloride	mg/L	1	E200.7		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06021281-002	Aqueous	2/20/2006 13:20	2/21/2006	3/3/2006	Magnesium	ND	mg/L	1 E200.7		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C	219 mg/L		10 A2540 C		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3	190 mg/L		1 A2320 B		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Bicarbonate as HCO3	231 mg/L		1 A2320 B		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Carbonate as CO3	ND	mg/L	1 A2320 B		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Chloride	2 mg/L		1 E300.0		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sulfate	24 mg/L		1 E300.0		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Conductivity	372 umhos/cm		1 A2510 B		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	pH	8.1 s.u.		0.1 E150.1		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	0.28 mg/L		0.05 E353.2		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Potassium	ND	mg/L	1 E200.7		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Magnesium	9 mg/L		1 E200.7		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sodium	43 mg/L		1 E200.7		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Hardness as CaCO3	116 mg/L		1 A2340 B		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Sodium Adsorption Ratio [SAR]	1.74		0.01 Calculation		
B06021281-003	Aqueous	2/20/2006 13:33	2/21/2006	3/3/2006	Calcium	31 mg/L		1 E200.7		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3	225 mg/L		1 A2320 B		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Bicarbonate as HCO3	275 mg/L		1 A2320 B		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Carbonate as CO3	ND	mg/L	1 A2320 B		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Chloride	7 mg/L		1 E300.0		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Conductivity	482 umhos/cm		1 A2510 B		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	pH	7.9 s.u.		0.1 E150.1		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C	268 mg/L		10 A2540 C		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Sulfate	29 mg/L		1 E300.0		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	1.44 mg/L		0.05 E353.2		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Hardness as CaCO3	156 mg/L		1 A2340 B		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Sodium	46 mg/L		1 E200.7		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Conductivity	1.61		0.01 Calculation		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Potassium	ND	mg/L	1 E200.7		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Magnesium	42 mg/L		1 E200.7		
B06021281-004	Aqueous	2/20/2006 13:36	2/21/2006	3/3/2006	Calcium	12 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Carbonate as CO3	5 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Bicarbonate as HCO3	385 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3	524 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Chloride	20 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Sulfate	34 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Conductivity	703 umhos/cm		1 A2510 B		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	pH	8.5 s.u.		0.1 E150.1		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C	403 mg/L		10 A2540 C		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.05 E353.2		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Potassium	1 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Hardness as CaCO3	34 mg/L		1 A2340 B		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Sodium	153 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Calcium	10 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Conductivity	11.5		0.01 Calculation		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Sodium Adsorption Ratio [SAR]	2 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:05	2/21/2006	3/3/2006	Magnesium	221 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3	269 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Carbonate as CO3	ND	mg/L	1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Chloride	3 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sulfate	18 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Conductivity	428 umhos/cm		1 A2510 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	pH	8 s.u.		0.1 E150.1		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C	238 mg/L		10 A2540 C		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	0.3 mg/L		0.05 E353.2		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Calcium	41 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium Adsorption Ratio [SAR]	1.27		0.01 Calculation		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Magnesium	11 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Hardness as CaCO3	148 mg/L		1 A2340 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Potassium	36 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Conductivity	2 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sulfate	480 umhos/cm		1 A2510 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	pH	8 s.u.		0.1 E150.1		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C	24 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	4 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Calcium	mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium Adsorption Ratio [SAR]	293 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Magnesium	240 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Hardness as CaCO3	278 mg/L		10 A2540 C		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Alkalinity, Total as CaCO3	0.56 mg/L		0.05 E353.2		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Conductivity	2.25		0.01 Calculation		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sulfate	30 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Chloride	12 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Potassium	5 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium	58 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Hardness as CaCO3	125 mg/L		1 A2340 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Conductivity	492 umhos/cm		1 A2510 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	pH	279 mg/L		10 A2540 C		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Solids, Total Dissolved TDS @ 180 C	232 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Nitrogen, Nitrate+Nitrite as N	8.2 s.u.		0.1 E150.1		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Calcium	32 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium Adsorption Ratio [SAR]	4 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Magnesium	283 mg/L		1 A2320 B		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Hardness as CaCO3	0.27 mg/L		0.05 E353.2		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Conductivity	17.7		0.01 Calculation		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sulfate	3 mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Chloride	113 mg/L		1 E300.0		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Potassium	mg/L		1 E200.7		
B06021281-005	Aqueous	2/20/2006 14:35	2/21/2006	3/3/2006	Sodium	8 mg/L		1 A2340 B		
B06021281-006	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Magnesium	ND	mg/L	1 E200.7		
B06021281-006	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Potassium	ND	mg/L	1 E200.7		
B06021281-006	Aqueous	2/20/2006 16:13	2/21/2006	3/3/2006	Hardness as CaCO3	ND	mg/L	1 E200.7		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	Rlimt	Method
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Bicarbonate as CaCO3	263 mg/l	1	A2320 B		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Hardness as CaCO3	3 mg/l	1	A2340 B		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	250 mg/l	1	A2320 B		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Calcium	1 mg/l	1	E200.7		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Sodium	123 mg/l	1	E200.7		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Potassium	ND	mg/l	1	E200.7	
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	ND	mg/l	0.05 E353.2		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	310 mg/l	10	A2540 C		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	pH	9 s.u.	0.1	E150.1		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Conductivity	517 umhos/cm	1	A2510 B		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Magnesium	ND	mg/l	1	E200.7	
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Carbonate as CO3	21 mg/l	1	A2320 B		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Chloride	3 mg/l	1	E300.0		
B06021581-001	Aqueous	2/25/2006 11:09	2/27/2006	3/8/2006	Sulfate	22 mg/l	1	E300.0		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Sodium	12 mg/l	1	E200.7		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Potassium	ND	mg/l	1	E200.7	
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Magnesium	ND	mg/l	1	E200.7	
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Hardness as CaCO3	110 mg/l	1	A2340 B		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	31 mg/l	1	E200.7		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	0.49 mg/l	0.05 E353.2			
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	133 mg/l	1	A2320 B		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	pH	7.9 s.u.	0.1	E150.1		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Chloride	1 mg/l	1	E300.0		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Conductivity	254 umhos/cm	1	A2510 B		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Sulfate	10 mg/l	1	E300.0		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Carbonate as HCO3	162 mg/l	1	A2320 B		
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Carbone as CO3	ND	mg/l	1	A2320 B	
B06021581-003	Aqueous	2/25/2006 12:45	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	143 mg/l	10	A2540 C		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Hardness as CaCO3	10 mg/l	1	A2340 B		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Sodium	149 mg/l	1	E200.7		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Potassium	ND	mg/l	1	E200.7	
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Carbonate as CO3	2 mg/l	1	A2320 B		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Calcium	4 mg/l	1	E200.7		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	2.59 mg/l	0.05 E353.2			
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Alkalinity, Total Dissolved TDS @ 180 C	403 mg/l	10	A2540 C		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	pH	8.3 s.u.	0.1	E150.1		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Conductivity	664 umhos/cm	1	A2510 B		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Magnesium	ND	mg/l	1	E200.7	
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Chloride	20 mg/l	1	E300.0		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Bicarbonate as HCO3	306 mg/l	1	A2320 B		
B06021581-004	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	253 mg/l	1	A2320 B		
B06021581-002	Aqueous	2/25/2006 13:10	2/27/2006	3/8/2006	Sulfate	64 mg/l	1	E300.0		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Magnesium	ND	mg/l	1	E200.7	
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Calcium	2 mg/l	1	E200.7		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Potassium	ND	mg/l	1	E200.7	
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Sodium	114 mg/l	1	E200.7		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Hardness as CaCO3	6 mg/l	1	A2340 B		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	215 mg/l	1	A2320 B		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Bicarbonate as HCO3	243 mg/l	1	A2320 B		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Carbonate as CO3	9 mg/l	1	A2320 B		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Chloride	ND	mg/l	1	E300.0	
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Sulfate	50 mg/l	1	E300.0		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Conductivity	495 umhos/cm	1	A2510 B		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	pH	8.8 s.u.	0.1	E150.1		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	305 mg/l	10	A2540 C		
B06021581-002	Aqueous	2/25/2006 12:27	2/27/2006	3/8/2006	pH	ND	mg/l	0.05 E353.2		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	637 umhos/cm	1	A2510 B		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Conductivity	379 mg/l	1	A1030F		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	87 mg/l	1	E300.0		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Sulfate	7 mg/l	1	E300.0		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Magnesium	242 mg/l	1	A2340 B		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Chloride	0.58 mg/l	0.05 E353.2			
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Carbonate as CO3	ND	mg/l	4 A2320 B		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Bicarbonate as HCO3	302 mg/l	4	A2320 B		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3	248 mg/l	4	A2320 B		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Sodium	40 mg/l	1	E200.7		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Potassium	25 mg/l	1	E200.7		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Iron	ND	mg/l	0.03 E200.7		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Calcium	56 mg/l	1	E200.7		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	7.5 s.u.	0.1	E150.1		
B06021581-003	Drinking W	5/20/2006 14:45	5/26/2006	6/13/2006	pH	2 mg/l	1	E200.7		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Conductivity	9.1 s.u.	0.1	E150.1		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Sulfate	543 umhos/cm	1	A2510 B		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Potassium	ND	mg/l	1 E200.7		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Magnesium	ND	mg/l	1 E200.7		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Chloride	0.07 mg/l	0.03 E200.7			
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Carbonate as CO3	ND	mg/l	4 A2320 B		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Bicarbonate as HCO3	252 mg/l	4	A2320 B		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3	268 mg/l	4	A2320 B		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	316 mg/l	1	A1030F		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND	mg/l	0.05 E353.2		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	pH	6 mg/l	1	A2340 B		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Sulfate	17 mg/l	1	E300.0		
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Chloride	0.1 mg/l	0.05 E353.2			
B06021581-012	Drinking W	5/24/2006 16:20	5/26/2006	6/13/2006	Iron	8 s.u.	0.1	E150.1		
B06021581-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Sulfate	20 mg/l	4	A2320 B		
B06021581-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Conductivity	252 mg/l	4	A2320 B		
B06021581-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	0.1 mg/l	0.05 E353.2			
B06021581-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	pH	3 mg/l	1	E300.0		
B06021581-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Solids, Total Dissolved TDS @ 180 C	17 mg/l	10	A2540 C		
B06021581-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Chloride	8 s.u.	0.1	E150.1		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Conductivity	437 umhos/cm	1	A2510 B		
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Bicarbonate as CaCO ₃	264 mg/L	4	A2320 B		
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Calcium	31 mg/L	1	E200.7		
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Iron	0.17 mg/L	0.03	E200.7		
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Magnesium	10 mg/L	1	E200.7		
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Potassium	3 mg/L	1	E200.7		
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Sodium	53 mg/L	1	E200.7		
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	216 mg/L	4	A2320 B		
B06052312-014	Drinking W	5/24/2006 17:55	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	258 mg/L	1	A1030F		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Hardness as CaCO ₃	120 mg/L	1	A2340 B		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Iron	0.5 mg/L	0.03	E200.7		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	148 mg/L	1	A2340 B		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Bicarbonate as CaCO ₃	246 mg/L	1	A1030F		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Chloride	256 mg/L	4	A2320 B		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Magnesium	11 mg/L	1	E200.7		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	210 mg/L	4	A2320 B		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Calcium	42 mg/L	1	E200.7		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Sulfate	12 mg/L	1	E300.0		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	2 mg/L	1	E300.0		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Phosphate	0.25 mg/L	0.05	E353.2		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Sodium	34 mg/L	1	E200.7		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Potassium	2 mg/L	1	E200.7		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	pH	8.2 s.u.	0.1	E150.1		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Conductivity	418 umhos/cm	1	A2510 B		
B06052312-011	Drinking W	5/24/2006 16:00	5/26/2006	6/13/2006	Carbonate as CO ₃	mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Iron	0.17 mg/L	0.03	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Chloride	2 mg/L	1	E300.0		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	pH	7.6 s.u.	0.1	E150.1		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	0.55 mg/L	0.05	E353.2		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Calcium	31 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Magnesium	8 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Potassium	12 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sodium	130 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Bicarbonate as HCO ₃	158 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sulfate	10 mg/L	1	E300.0		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Conductivity	270 umhos/cm	1	A2510 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Hardness as CaCO ₃	110 mg/L	1	A2340 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	159 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Carbonate as CO ₃	247 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sulfate	301 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Iron	mg/L	0.05	E353.2		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Chloride	40 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	pH	mg/L	0.03	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	8.3 s.u.	0.1	E150.1		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Calcium	12 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Magnesium	12 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Potassium	148 mg/L	1	A2340 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Carbonate as CO ₃	mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Chloride	56 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sodium	3 mg/L	1	E300.0		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Iron	23 mg/L	1	E300.0		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Chloride	295 mg/L	1	A1030F		
B06052312-009	Drinking W	5/20/2006 20:30	5/26/2006	6/13/2006	Sulfate	497 umhos/cm	1	A2510 B		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Conductivity	0.52 mg/L	0.05	E353.2		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Magnesium	9 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Hardness as CaCO ₃	106 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	213 mg/L	1	A1030F		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Iron	mg/L	0.03	E200.7		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	166 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Bicarbonate as HCO ₃	202 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Calcium	28 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Carbonate as CO ₃	mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Potassium	366 umhos/cm	1	A2510 B		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Chloride	1 mg/L	1	E300.0		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Sodium	36 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	pH	8.1 s.u.	0.1	E150.1		
B06052312-009	Drinking W	5/20/2006 19:10	5/26/2006	6/13/2006	Sulfate	25 mg/L	1	E300.0		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Conductivity	21 mg/L	1	E200.7		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Magnesium	mg/L	0.03	E200.7		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Potassium	2 mg/L	1	E200.7		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Calcium	70 mg/L	1	E200.7		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Sulfate	40 mg/L	1	E300.0		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Iron	261 mg/L	1	A2340 B		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Chloride	403 mg/L	4	A2320 B		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Sodium	5 mg/L	1	E300.0		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	1.04 mg/L	0.05	E353.2		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Phosphate	695 umhos/cm	1	A2510 B		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Sodium	52 mg/L	1	E200.7		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	409 mg/L	1	A1030F		
B06052312-015	Drinking W	5/24/2006 19:50	5/26/2006	6/13/2006	pH	7.7 s.u.	0.1	E150.1		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Conductivity	330 mg/L	4	A2320 B		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Magnesium	4 mg/L	1	E200.7		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Potassium	2 mg/L	1	E200.7		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Calcium	1 mg/L	1	E200.7		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Sulfate	22 mg/L	1	E300.0		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Chloride	2 mg/L	1	E300.0		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Iron	7.05 mg/L	0.03	E200.7		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	Rlimit	Method
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	408 mg/L	1	AT30F		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Carbonate as CaCO ₃	18 mg/L	4	A2320 B		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Sodium	140 mg/L	1	E200.7		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Conductivity	546 umhos/cm	1	A2510 B		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E35.2
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Hardness as CaCO ₃	15 mg/L	1	A2340 B		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Bicarbonate as HCO ₃	287 mg/L	4	A2320 B		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	266 mg/L	4	A2320 B		
B06052312-004	Drinking W	5/20/2006 16:55	5/26/2006	6/13/2006	pH	9.1 s.u.	0.1	E150.1		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	218 mg/L	4	A2320 B		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Bicarbonate as HCO ₃	266 mg/L	4	A2320 B		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Carbonate as CO ₃	ND		mg/L	0.05	E35.2
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Calcium	39 mg/L	1	E200.7		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	275 mg/L	1	A1030F		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Conductivity	476 umhos/cm	1	A2510 B		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Sulfate	27 mg/L	1	E300.0		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Chloride	5 mg/L	1	E300.0		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Iron	7.7 s.u.	0.05	E35.2		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	1.07 mg/L	1	E200.7		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Hardness as CaCO ₃	143 mg/L	1	A2340 B		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Magnesium	11 mg/L	1	E200.7		
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Potassium	ND		mg/L	0.05	E35.2
B06052312-002	Drinking W	5/20/2006 16:20	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	231 mg/L	1	A1030F		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Sodium	44 mg/L	1	E200.7		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Carbonate as CO ₃	8.1 s.u.	0.1	E150.1		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Calcium	30 mg/L	1	E200.7		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Chloride	113 mg/L	1	A2340 B		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	9 mg/L	1	E200.7		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Potassium	ND		mg/L	0.05	E35.2
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	231 mg/L	1	A1030F		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Sulfate	44 mg/L	1	E200.7		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Chloride	0.24 mg/L	0.05	E35.2		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Iron	1 mg/L	1	E300.0		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Sulfate	23 mg/L	1	E300.0		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	183 mg/L	4	A2320 B		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Conductivity	389 umhos/cm	1	A2510 B		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Bicarbonate as HCO ₃	223 mg/L	4	A2320 B		
B06052312-003	Drinking W	5/20/2006 16:28	5/26/2006	6/13/2006	Hardness as CaCO ₃	8 mg/L	1	A2340 B		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Nitrogen, Nitrate-Nitrite as N	ND		mg/L	0.05	E35.2
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Calcium	3 mg/L	1	E200.7		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Chloride	9 mg/L	4	A2320 B		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Carbonate as CO ₃	233 mg/L	4	A2320 B		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Bicarbonate as HCO ₃	307 mg/L	1	A1030F		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Conductivity	8.8 s.u.	0.1	E150.1		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Sulfate	51 mg/L	1	E300.0		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Chloride	113 mg/L	1	E200.7		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Iron	ND		mg/L	0.05	E35.2
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Nitrogen, Nitrate-Nitrite as N	ND		mg/L	0.05	E35.2
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Calcium	3 mg/L	1	E200.7		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Conductivity	508 umhos/cm	1	A2510 B		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Iron	0.29 mg/L	0.03	E200.7		
B06052312-010	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	206 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Sulfate	9 mg/L	1	E300.0		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Chloride	0.55 mg/L	0.05	E35.2		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	pH	7.7 s.u.	0.1	E150.1		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Sodium	12 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Potassium	ND		mg/L	1	E200.7
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Magnesium	ND		mg/L	1	E200.7
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Conductivity	508 umhos/cm	1	A2510 B		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Chloride	109 mg/L	1	A2340 B		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Iron	8 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.03	E200.7
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Carbonate as CO ₃	158 mg/L	1	A1030F		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Bicarbonate as HCO ₃	ND		mg/L	0.05	E35.2
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Hardness as CaCO ₃	31 mg/L	1	E200.7		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Magnesium	157 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Conductivity	129 mg/L	4	A2320 B		
B06052312-009	Drinking W	5/20/2006 20:45	5/26/2006	6/13/2006	Sulfate	270 umhos/cm	1	A2510 B		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Chloride	2 mg/L	1	E300.0		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	pH	2 mg/L	1	E300.0		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Sulfate	9.1 s.u.	0.1	E150.1		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Chloride	38 mg/L	1	E300.0		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Sodium	105 mg/L	1	E200.7		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Potassium	0.14 mg/L	0.03	E35.2		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Carbonate as CO ₃	17 mg/L	4	A2320 B		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Bicarbonate as HCO ₃	223 mg/L	4	A2320 B		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Alkalinity, Total as CaCO ₃	212 mg/L	4	A2320 B		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Conductivity	268 mg/L	1	A1030F		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Chloride	2 mg/L	1	E200.7		
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Iron	ND		mg/L	0.03	E200.7
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	1	E200.7
B06052312-013	Drinking W	5/24/2006 17:30	5/26/2006	6/13/2006	Carbonate as CO ₃	442 umhos/cm	1	A2510 B		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Chloride	5 mg/L	1	A2340 B		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Conductivity	494 umhos/cm	1	A2510 B		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Sulfate	mg/L	4	A2320 B		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/						

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Limit	Method
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Sodium	117 mg/l	1	E200.7		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Bicarbonate as HCO3	271 mg/l	4	A2320 B		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	0.3 mg/l	0.05	E353.2		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Chloride	3 mg/l	1	E300.0		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Sulfate	31 mg/l	1	E300.0		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Hardness as CaCO3	9 mg/l	1	A2340 B		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Solids, Total Dissolved - Calculated	300 mg/l	1	A1030F		
B06052312-007	Drinking W	5/20/2006 19:45	5/26/2006	6/13/2006	Alkalinity, Total as CaCO3	225 mg/l	4	A2320 B		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Potassium	2 mg/l	1	E200.7		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Conductivity	613 umhos/cm	1	A2510 B		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Carbonate as CO3	ND	284 mg/l	4	A2320 B	
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Bicarbonate as HCO3	1.6 unitless	0.01	Calculation		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)	232 mg/l	4	A2320 B		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3	207 mg/l	1	A2340 B		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Hardness as CaCO3	53 mg/l	1	E200.7		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Sodium	21 mg/l	1	E200.7		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Magnesium	0.45 mg/l	0.03	E200.7		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Iron	48 mg/l	1	E200.7		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Calcium	74 mg/l	1	E300.0		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Sulfate	6 mg/l	1	E300.0		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Chloride	355 mg/l	1	A1030F		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	0.15 mg/l	0.05	E353.2		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	pH	7.5 s.u.	0.1	E150.1		
B06082455-001	Drinking W	5/27/2006 9:22	8/29/2006	9/16/2006	Bicarbonate as HCO3	267 mg/l	4	A2320 B		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Conductivity	572 umhos/cm	1	A2510 B		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Hardness as CaCO3	7 mg/l	1	A2340 B		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Carbonate as CO3	10 mg/l	4	A2320 B		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Sulfate	8.7 s.u.	0.1	E150.1		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	pH	43 mg/l	1	E300.0		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Sulfite	2 mg/l	1	E300.0		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Chloride	22.7 unitless	0.01	Calculation		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)	1.04 mg/l	0.05	E353.2		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	235 mg/l	4	A2320 B		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Sodium	135 mg/l	1	E200.7		
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Potassium	ND	mg/l	1	E200.7	
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Magnesium	ND	mg/l	1	E200.7	
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Iron	ND	mg/l	1	E200.7	
B06082455-002	Drinking W	5/27/2006 9:48	8/29/2006	9/16/2006	Calcium	2 mg/l	1	E200.7		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Carbonate as CO3	14 mg/l	4	A2320 B		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	292 mg/l	1	A1030F		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Bicarbonate as HCO3	234 mg/l	4	A2320 B		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	pH	9 s.u.	0.1	E150.1		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Sodium	29.6 unitless	0.01	Calculation		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3	121 mg/l	1	E200.7		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Hardness as CaCO3	214 mg/l	4	A2320 B		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Chloride	3 mg/l	1	A2340 B		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Potassium	ND	mg/l	1	E200.7	
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND	mg/l	0.05	E353.2	
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Calcium	1 mg/l	1	E200.7		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Chloride	2 mg/l	1	E300.0		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Sulfate	24 mg/l	1	E300.0		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Iron	0.1 mg/l	0.03	E200.7		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Magnesium	496 umhos/cm	1	A2510 B		
B06082455-013	Drinking W	5/27/2006 19:53	8/29/2006	9/16/2006	Conductivity	ND	mg/l	1	E200.7	
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	pH	8.1 s.u.	0.1	E150.1		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Conductivity	411 umhos/cm	1	A2510 B		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Magnesium	8 mg/l	1	E200.7		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Calcium	0.14 mg/l	0.03	E200.7		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Sulfate	24 mg/l	1	E200.7		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Sodium	2.45 unitless	0.01	Calculation		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	232 mg/l	1	A1030F		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Carbonate as CO3	ND	mg/l	0.05	E353.2	
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Bicarbonate as HCO3	2 mg/l	1	E300.0		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Chloride	19 mg/l	1	E300.0		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Potassium	1 mg/l	1	E200.7		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Bicarbonate as HCO3	231 mg/l	4	A2320 B		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Sodium	54 mg/l	1	E200.7		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3	189 mg/l	4	A2320 B		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Hardness as CaCO3	92 mg/l	4	A2340 B		
B06082455-013	Drinking W	5/27/2006 16:02	8/29/2006	9/16/2006	Chloride	47 mg/l	1	E200.7		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	7.8 s.u.	0.1	E150.1		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3	198 mg/l	4	A2320 B		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Sulfate	21 mg/l	1	E300.0		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Hardness as CaCO3	132 mg/l	1	A2340 B		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Conductivity	436 umhos/cm	1	A2510 B		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	pH	3.37 mg/l	0.03	E200.7		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Sulfite	2 mg/l	1	E300.0		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)	0.47 mg/l	0.05	E353.2		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Carbonate as CO3	1.77 unitless	0.01	Calculation		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	264 mg/l	1	A1030F		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Magnesium	12 mg/l	1	E200.7		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Chloride	241 mg/l	4	A2320 B		
B06082455-014	Drinking W	5/27/2006 16:30	8/29/2006	9/16/2006	Potassium	33 mg/l	1	E200.7		
B06082455-012	Drinking W	5/27/2006 15:25	8/29/2006	9/16/2006	Bicarbonate as HCO3	153 mg/l	4	A2320 B		
B06082455-012	Drinking W	5/27/2006 15:25	8/29/2006	9/16/2006	Hardness as CaCO3	113 mg/l	1	A2340 B		
B06082455-012	Drinking W	5/27/2006 15:25	8/29/2006	9/16/2006	Calcium	32 mg/l	1	E200.7		

Horse Creek CGWA Water Quality Data

Lab Sample#	Matrix	Collection Date	Receive Date	Report Date	Analyte	TResult	NResult	Runits	Rlimit	Method
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	12 mg/l	4 A2320 B			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Carbonate as CO ₃	ND	mg/l	4 A2320 B		
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Chloride	2 mg/l	1 E300.0			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	0.42 mg/l	0.05 E35.2			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sulfate	11 mg/l	1 E300.0			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	168 mg/l	1 A1030F			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sodium Adsorption Ratio [SAR]	0.5 unitless	0.01 Calculation			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Sodium	12 mg/l	1 E200.7			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Potassium	1 mg/l	1 E200.7			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	pH	8 mg/l	1 E200.7			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Conductivity	7.5 s.u.	0.1 E150.1			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Iron	277 umhos/cm	1 A2510 B			
B06082455-012	Drinking W	8/27/2006 15:25	8/29/2006	9/16/2006	Iron	2.43 mg/l	0.03 E200.7			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Iron	2.04 mg/l	0.03 E200.7			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	0.19 mg/l	0.05 E35.2			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sulfate	16 mg/l	1 E300.0			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sodium	8.2 s.u.	0.1 E150.1			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	pH	440 umhos/cm	1 A2510 B			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Conductivity	3 mg/l	1 E300.0			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Chloride	426 mg/l	1 A1030F			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Carbonate as CO ₃	44 mg/l	1 E200.7			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	11 mg/l	1 E300.0			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Calcium	210 mg/l	4 A2320 B			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Magnesium	1 mg/l	1 E200.7			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	1.25 unitless	0.01 Calculation			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Potassium	36 mg/l	1 E200.7			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Sodium	156 mg/l	1 A2340 B			
B06082455-016	Drinking W	8/28/2006 5:40	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	256 mg/l	4 A2320 B			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Iron	ND	mg/l	0.03 E200.7		
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Carbonate as CO ₃	0.5 mg/l	0.05 E35.2			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Hitrogen, Nitrate+Nitrite as N	199 mg/l	4 A2320 B			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	163 mg/l	4 A2320 B			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	107 mg/l	1 A2340 B			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Hardness as CaCO ₃	29 mg/l	1 E200.7			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Chloride	1 mg/l	1 E300.0			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sulfate	28 mg/l	1 E300.0			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	pH	8 s.u.	0.1 E150.1			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Potassium	ND	mg/l	1 E200.7		
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	219 mg/l	1 A1030F			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Magnesium	1.64 unitless	0.01 Calculation			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Conductivity	385 umhos/cm	1 A2510 B			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Iron	39 mg/l	1 E200.7			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND	0.05 E35.2			
B06082455-006	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	358 mg/l	1 A1030F			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Chloride	7 mg/l	4 A2320 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Carbonate as CO ₃	129 mg/l	1 E200.7			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sodium	31 mg/l	1 E300.0			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sulfate	0.04 mg/l	0.03 E200.7			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Calcium	11 mg/l	1 E200.7			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Magnesium	2 mg/l	1 E200.7			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Potassium	ND	mg/l	1 E200.7		
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	270 mg/l	4 A2320 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Conductivity	624 umhos/cm	1 A2510 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	pH	8.4 s.u.	0.1 E150.1			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	316 mg/l	4 A2320 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	9.62 unitless	0.01 Calculation			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Chloride	34 mg/l	1 A2340 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sulfate	19 mg/l	4 A2320 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Iron	23 mg/l	1 E300.0			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Chloride	2 mg/l	1 E300.0			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Carbonate as CO ₃	536 mg/l	0.05 E35.2			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sodium	547 umhos/cm	1 A2510 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Magnesium	mg/l	1 E200.7			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Conductivity	262 mg/l	4 A2320 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Iron	247 mg/l	4 A2320 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	4 mg/l	1 A2340 B			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Hardness as CaCO ₃	9.1 s.u.	0.1 E150.1			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	pH	536 mg/l	1 A1030F			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Calcium	2 mg/l	1 E200.7			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Sodium	129 mg/l	1 E200.7			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Iron	0.7 mg/l	0.03 E200.7			
B06082455-005	Drinking W	8/27/2006 11:40	8/29/2006	9/16/2006	Conductivity	ND	mg/l	1 E200.7		
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Calcium	11 mg/l	1 E200.7			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Magnesium	27 mg/l	1 E300.0			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sulfate	212 mg/l	4 A2320 B			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	268 mg/l	1 A1030F			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	258 mg/l	4 A2320 B			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sodium	481 umhos/cm	1 A2510 B			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	pH	45 mg/l	1 E200.7			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Conductivity	144 mg/l	1 A2340 B			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Iron	27 mg/l	1 E300.0			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	162 mg/l	0.01 Calculation			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	ND	mg/l	0.03 E200.7		
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Chloride	39 mg/l	1 E200.7			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Carbonate as CO ₃	4 mg/l	4 A2320 B			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Sodium	7.5 s.u.	0.1 E150.1			
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	pH	4 mg/l	1 E300.0			

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	RUnits	Rlimit	Method
B06082455-007	Drinking W	8/27/2006 12:58	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	0.77 mg/L	0.05	mg/L		
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	176 mg/L	4	mg/L	4 A2320 B	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	214 mg/L	4	mg/L	4 A2320 B	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Carbonate as CO ₃	ND	mg/L		4 A2320 B	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	227 mg/L	1	mg/L	1 A1030F	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Calcium	28 mg/L	1	mg/L	1 E200.7	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Iron	ND	mg/L		0.03	mg/L
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Magnesium	9 mg/L	1	mg/L	1 E200.7	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Potassium	ND	mg/L		1 E200.7	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Sodium	45 mg/L	1	mg/L	1 E200.7	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Hardness as CaCO ₃	106 mg/L	1	mg/L	1 A2340 B	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	0.2 mg/L	0.05	mg/L	0.05 E35.2	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Sulfate	25 mg/L	1	mg/L	1 E300.0	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Sodium Adsorption Ratio [SAR]	1.9 unites	0.01	units	0.01 Calculation	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	pH	8 s.u.	0.1	s.u.	0.1 E150.1	
B06082455-008	Drinking W	8/27/2006 13:13	8/29/2006	9/16/2006	Chloride	2 mg/L	1	mg/L	1 E300.0	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Conductivity	397 umhos/cm	1	umhos/cm	1 A2510 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Magnesium	0.21 mg/L	0.05	mg/L	0.05 E35.2	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Iron	9 mg/L	1	mg/L	1 E200.7	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Hardness as CaCO ₃	120 mg/L	1	mg/L	1 A2340 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Carbone as CO ₃	ND	mg/L		4 A2320 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Calcium	34 mg/L	1	mg/L	1 E200.7	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)	1.14 unites	0.01	units	0.01 Calculation	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	146 mg/L	4	mg/L	4 A2320 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sodium	29 mg/L	1	mg/L	1 E200.7	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Potassium	ND	mg/L		1 E200.7	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	ph	7.8 s.u.	0.1	s.u.	0.1 E150.1	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Conductivity	360 umhos/cm	1	umhos/cm	1 A2510 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	178 mg/L	4	mg/L	4 A2320 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sulfate	32 mg/L	1	mg/L	1 E300.0	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Iron	1 mg/L	1	mg/L	1 E300.0	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Hardness as CaCO ₃	207 mg/L	1	mg/L	1 A1030F	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	23 mg/L	1	mg/L	1 E200.7	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Chloride	98 mg/L	1	mg/L	1 A2340 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	145 mg/L	4	mg/L	4 A2320 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	177 mg/L	4	mg/L	4 A2320 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Carbonate as CO ₃	ND	mg/L		4 A2320 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Calcium	1.31 unites	0.01	units	0.01 Calculation	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)	0.39 mg/L	0.03	mg/L	0.03 E200.7	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Conductivity	326 umhos/cm	1	umhos/cm	1 A2510 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	176 mg/L	1	mg/L	1 A1030F	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	pH	8 s.u.	0.1	s.u.	0.1 E150.1	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05 E35.2	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Magnesium	299 mg/L	1	mg/L	1 A1030F	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Iron	198 mg/L	4	mg/L	4 A2320 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Hardness as CaCO ₃	223 mg/L	4	mg/L	4 A2320 B	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Calcium	2 mg/L	1	mg/L	1 E200.7	
B06082455-008	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)	18.4 unites	0.01	units	0.01 Calculation	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sodium	8.8 s.u.	0.1	s.u.	0.1 E150.1	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Conductivity	7 mg/L	1	mg/L	1 A2340 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Hardness as CaCO ₃	ND	mg/L		0.05 E35.2	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Carbonate as CO ₃	9 mg/L	4	mg/L	4 A2320 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	299 mg/L	1	mg/L	1 A1030F	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	198 mg/L	4	mg/L	4 A2320 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	223 mg/L	4	mg/L	4 A2320 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Chloride	2 mg/L	1	mg/L	1 E200.7	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Conductivity	520 umhos/cm	1	umhos/cm	1 A2510 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sulfate	44 mg/L	1	mg/L	1 E300.0	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Alkalinity, Total as CaCO ₃	204 mg/L	4	mg/L	4 A2320 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Carbonate as CO ₃	106 mg/L	1	mg/L	1 E200.7	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Sodium	263 mg/L	1	mg/L	1 A1030F	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Ph	27.6 unites	0.01	units	0.01 Calculation	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Chloride	2 mg/L	1	mg/L	1 E300.0	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Magnesium	ND	mg/L		1 E200.7	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Iron	ND	mg/L		0.03 E200.7	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Hardness as CaCO ₃	3 mg/L	1	mg/L	1 A2340 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Potassium	ND	mg/L		1 E200.7	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Calcium	ND	mg/L		1 E200.7	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Ph	9.2 s.u.	0.1	s.u.	0.1 E150.1	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Nitrogen, Nitrate+Nitrite as N	0.11 mg/L	0.03	mg/L	0.03 E200.7	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Carbonate as CO ₃	38 mg/L	4	mg/L	4 A2320 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Bicarbonate as HCO ₃	232 mg/L	4	mg/L	4 A2320 B	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Chloride	19 mg/L	1	mg/L	1 E300.0	
B06082455-011	Drinking W	8/27/2006 10:48	8/29/2006	9/16/2006	Conductivity	451 umhos/cm	1	umhos/cm	1 A2510 B	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Solids, Total Dissolved - Calculated	301 mg/L	1	mg/L	1 A1030F	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Conductivity	502 umhos/cm	1	umhos/cm	1 A2510 B	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Magnesium	ND	mg/L		1 E200.7	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Ph	4 mg/L	1	mg/L	1 E300.0	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Chloride	8 s.u.	0.1	s.u.	0.1 E150.1	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Iron	2 mg/L	1	mg/L	1 E200.7	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Hardness as CaCO ₃	0.29 mg/L	0.05	mg/L	0.05 E35.2	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Potassium	ND	mg/L		1 E200.7	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sodium	120 mg/L	1	mg/L	1 E200.7	
B06082455-010	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Calcium	6 mg/L	1	mg/L	1 A2340 B	

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06082455-011	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sodium Adsorption Ratio (SAR)	20.5	unitsless	0.01	Calculation	
B06082455-012	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Sulfate	32	mg/L	1	E300.0	
B06082455-013	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Alkalinity, Total as CaCO3	217	mg/L	4	A2320 B	
B06082455-014	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Bicarbonate as HCO3	264	mg/L	4	A2320 B	
B06082455-015	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Carbonate as CO3	ND	mg/L	4	A2320 B	
B06082455-016	Drinking W	8/27/2006 14:23	8/29/2006	9/16/2006	Iron	0.04	mg/L	0.03	E206.7	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Iron	0.06	mg/L	0.03	E206.7	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Chloride	2	mg/L	1	E300.0	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated	156	mg/L	1	A1030F	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Sulfate	10	mg/L	1	E300.0	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	0.82	mg/L	0.05	E353.2	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Conductivity	269	umhos/cm	1	A2510 B	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Hardness as CaCO3	116	mg/L	1	A2340 B	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Sodium	12	mg/L	1	E206.7	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Potassium	ND	mg/L	1	E206.7	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Magnesium	8	mg/L	1	E206.7	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Calcium	33	mg/L	1	E206.7	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Bicarbonate as HCO3	142	mg/L	4	A2320 B	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Carbonate as CO3	ND	mg/L	4	A2320 B	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	pH	7.5	s.u.	0.1	E150.1	
B06111517-007	Drinking W	11/19/2006 16:05	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3	117	mg/L	4	A2320 B	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Bicarbonate as HCO3	206	mg/L	4	A2320 B	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Sodium	39	mg/L	1	E206.7	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Iron	0.25	mg/L	0.05	E353.2	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	0.76	mg/L	0.03	E206.7	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Iron	120	mg/L	1	A2340 B	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Hardness as CaCO3	228	mg/L	1	A1030F	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated	24	mg/L	1	E300.0	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Sulfate	1.55	unitsless	0.01	Calculation	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Sodium Adsorption Ratio (SAR)	168	mg/L	4	A2320 B	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Carbonate as CO3	ND	mg/L	4	A2320 B	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Conductivity	392	umhos/cm	1	A2510 B	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Magnesium	9	mg/L	1	E206.7	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	pH	8	s.u.	0.1	E150.1	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Chloride	2	mg/L	1	E300.0	
B06111517-014	Drinking W	11/19/2006 16:20	11/22/2006	12/12/2006	Potassium	1	mg/L	1	E206.7	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sulfate	34	mg/L	1	E206.7	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Iron	24	mg/L	1	E300.0	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Potassium	ND	mg/L	0.03	E206.7	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Potassium	2	mg/L	1	E206.7	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Magnesium	12	mg/L	1	E206.7	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	pH	7.6	s.u.	0.1	E150.1	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sodium	50	mg/L	1	E206.7	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3	229	mg/L	4	A2320 B	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Chloride	3	mg/L	1	E300.0	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Calcium	48	mg/L	1	E206.7	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Bicarbonate as HCO3	279	mg/L	4	A2320 B	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Conductivity	308	umhos/cm	1	A2510 B	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated	289	mg/L	1	A1030F	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	0.58	mg/L	0.05	E353.2	
B06111517-002	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Iron	168	mg/L	1	A2340 B	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Carbonate as CO3	ND	mg/L	4	A2320 B	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Conductivity	46	mg/L	1	E206.7	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Calcium	2	mg/L	1	E300.0	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Chloride	20	mg/L	1	E300.0	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Iron	0.07	mg/L	0.03	E206.7	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Alkalinity, Total as CaCO3	233	mg/L	4	A2320 B	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated	284	mg/L	1	A1030F	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Bicarbonate as HCO3	285	mg/L	4	A2320 B	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sodium	1.74	unitsless	0.01	Calculation	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Conductivity	308	umhos/cm	1	A2510 B	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Magnesium	4	mg/L	0.05	E353.2	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	pH	1	mg/L	1	E206.7	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sodium	51	mg/L	1	E206.7	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Sulfate	12	mg/L	1	E206.7	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Iron	163	mg/L	1	A2340 B	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Chloride	7.9	s.u.	0.1	E150.1	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	pH	0.4	mg/L	0.05	E353.2	
B06111517-016	Drinking W	11/19/2006 12:15	11/22/2006	12/12/2006	Conductivity	501	umhos/cm	1	A2510 B	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Solids, Total Dissolved - Calculated	ND	mg/L	4	A2320 B	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Conductivity	ND	mg/L	1	E206.7	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Chloride	7.9	s.u.	0.1	E150.1	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Iron	0.51	mg/L	0.05	E353.2	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Sulfate	10	mg/L	1	E300.0	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Magnesium	174	mg/L	1	A1030F	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Carbonate as CO3	1	mg/L	1	E300.0	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Chloride	ND	mg/L	0.03	E206.7	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Hardness as CaCO3	124	mg/L	1	A2340 B	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Conductivity	593	umhos/cm	1	A2510 B	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Magnesium	34	mg/L	1	E206.7	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Sodium	170	mg/L	4	A2320 B	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Sulfate	18	mg/L	1	E206.7	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	pH	10	mg/L	1	E206.7	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Carbonate as CO3	283	mg/L	4	A2320 B	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Chloride	0.15	mg/L	0.05	E353.2	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Hardness as CaCO3	5	mg/L	1	E300.0	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	658	umhos/cm	1	A2510 B	
B06111517-004	Drinking W	11/19/2006 16:40	11/22/2006	12/12/2006	Conductivity	71	mg/L	1	E300.0</td	

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06111517-001	Drinking W	11/19/2006 9:40	11/21/2006	12/12/2006	Iron	ND	mg/l	0.03	E200.7	
B06111517-001	Drinking W	11/19/2006 9:40	11/21/2006	12/12/2006	Magnesium	20 mg/l		1	E200.7	
B06111517-001	Drinking W	11/19/2006 9:40	11/21/2006	12/12/2006	Potassium	2 mg/l		1	E200.7	
B06111517-001	Drinking W	11/19/2006 9:40	11/21/2006	12/12/2006	Sodium	55 mg/l		1	E200.7	
B06111517-001	Drinking W	11/19/2006 9:40	11/21/2006	12/12/2006	Hardness as CaCO ₃	205 mg/l		1	A2340 B	
B06111517-001	Drinking W	11/19/2006 9:40	11/21/2006	12/12/2006	Solids, Total Dissolved - Calculated	352 mg/l		1	A1030F	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Conductivity	581 umhos/cm		1	A2510 B	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Alkalinity, Total as CaCO ₃	233 mg/l		4	A2320 B	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Sodium	132 mg/l		1	E200.7	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Potassium	ND	mg/l	1	E200.7	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Magnesium	ND	mg/l	1	E200.7	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Iron	ND	mg/l	0.03	E200.7	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Chloride	3 mg/l		1	E200.7	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	0.74 mg/l		0.05	E35.2	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Phosphate	8.7 u.s.		0.1	E150.1	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Bicarbonate as HCO ₃	266 mg/l		4	A2320 B	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Sodium Adsorption Ratio (SAR)	21.3 unitless		0.01	Calculation	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Hardness as CaCO ₃	7 mg/l		1	A2340 B	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Solids, Total Dissolved - Calculated	332 mg/l		1	A1030F	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Sulfate	44 mg/l		1	E300.0	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Chloride	2 mg/l		1	E200.0	
B06111517-020	Drinking W	11/19/2006 10:00	11/21/2006	12/12/2006	Carbонate as CO ₃	9 mg/l		4	A2320 B	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Chloride	2 mg/l		1	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Chloride	8 mg/l		1	E300.0	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Sulfate	13 mg/l		1	E300.0	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Sodium	134 mg/l		1	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Potassium	ND	mg/l	1	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Iron	0.08 mg/l		0.03	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Hardness as CaCO ₃	5 mg/l		0.05	E35.2	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Solids, Total Dissolved - Calculated	325 mg/l		1	A1030F	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Conductivity	573 umhos/cm		1	A2510 B	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Carbonate as CO ₃	20 mg/l		4	A2320 B	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Chloride	8.9 u.s.		0.1	E150.1	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Alkalinity, Total as CaCO ₃	254 mg/l		4	A2320 B	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Sulfate	270 mg/l		4	A2320 B	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Magnesium	ND	mg/l	1	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Potassium	0.04 mg/l		0.03	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Iron	9 mg/l		1	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Hardness as CaCO ₃	1 mg/l		1	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Solids, Total Dissolved - Calculated	51 mg/l		1	E200.7	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Conductivity	217 mg/l		4	A2320 B	
B06111517-012	Drinking W	11/19/2006 16:10	11/21/2006	12/12/2006	Carbonate as CO ₃	227 mg/l		1	A1030F	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Chloride	7.8 u.s.		0.1	E150.1	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Calcium	26 mg/l		1	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Iron	0.04 mg/l		0.03	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Magnesium	9 mg/l		1	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Potassium	1 mg/l		1	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Sodium	51 mg/l		1	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Bicarbonate as HCO ₃	217 mg/l		2.19	unitless	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Sodium Adsorption Ratio [SAR]	mg/l		0.01	Calculation	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Carbonate as CO ₃	4 mg/l		4	A2320 B	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Conductivity	394 umhos/cm		1	A2510 B	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Hardness as CaCO ₃	101 mg/l		1	A2340 B	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Solids, Total Dissolved - Calculated	178 mg/l		4	A2320 B	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Potassium	0.42 mg/l		0.05	E35.2	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Iron	0.42 mg/l		0.03	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Hardness as CaCO ₃	13 mg/l		1	E300.0	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Sulfate	4 mg/l		4	A2320 B	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Sodium	163 mg/l		4	A2320 B	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Potassium	208 mg/l		1	A1030F	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Chloride	2.15 unitless		0.01	Calculation	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Conductivity	1 mg/l		1	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Hardness as CaCO ₃	0.43 mg/l		0.05	E35.2	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Solids, Total Dissolved - Calculated	90 mg/l		1	A2340 B	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Chloride	5 mg/l		1	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Chloride	199 mg/l		4	A2320 B	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Conductivity	3 mg/l		1	E300.0	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Chloride	47 mg/l		1	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Chloride	27 mg/l		1	E200.7	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Chloride	8.1 u.s.		0.1	E150.1	
B06111517-013	Drinking W	11/19/2006 17:00	11/21/2006	12/12/2006	Chloride	371 umhos/cm		1	A2510 B	
B06111517-004	Drinking W	11/19/2006 11:58	11/21/2006	12/12/2006	Conductivity	139 mg/l		4	A2320 B	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Conductivity	0.24 mg/l		0.05	E35.2	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	384 mg/l		1	A1030F	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Sodium	68 mg/l		1	E200.7	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	288 mg/l		4	A2320 B	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	351 mg/l		4	A2320 B	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	7.3 u.s.		0.1	E150.1	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	274 umhos/cm		1	A2510 B	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	218 mg/l		1	A2340 B	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Sulfate	46 mg/l		1	E300.0	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Sodium	57 mg/l		1	E200.7	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	mg/l		4	A2320 B	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	2 mg/l		1	E200.7	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Magnesium	18 mg/l		1	E200.7	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Iron	0.04 mg/l		0.03	E200.7	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Chloride	4 mg/l		1	E300.0	
B06111517-003	Drinking W	11/19/2006 13:00	11/21/2006	12/12/2006	Sulfate	10 mg/l		1	E300.0	
B06111517-003										

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	Calcium	4 mg/L	1	E200.7		
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	Iron	4.95 mg/L	0.9	E200.7		
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	Conductivity	541 umhos/cm	1	A2510 B		
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	Bicarbonate as HCO3	291 mg/L	4	A2320 B		
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	pH	8.5 s.u.	0.1	E150.1		
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	Magnesium	ND	mg/L	1 E200.7		
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.05 E353.2		
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	Carbonate as CO3	6 mg/L	4	A2320 B		
B06111517-009	Drinking W	11/19/2006 15:00	11/21/2006	12/1/2006	Solids, Total Dissolved - Calculated	340 mg/L	1	A1030F		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	iron	ND	mg/L	0.03 E200.7		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	pH	7.8 s.u.	0.1	E150.1		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Chloride	2 mg/L	1	E300.0		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Sulfate	15 mg/L	1	E300.0		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Sodium	0.87 unitless	0.01	Calculation		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Sodium Adsorption Ratio [SAR]	195 mg/L	4	A2320 B		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Total, Total as CaCO3	238 mg/L	4	A2320 B		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Bicarbonate as HCO3	mg/L	4	A2320 B		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Carbonate as CO3	ND	429 umhos/cm	1 E2510 B		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Conductivity	233 mg/L	1	A1030F		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Solids, Total Dissolved - Calculated	26 mg/L	1	E200.7		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Magnesium	14 mg/L	1	E200.7		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Calcium	44 mg/L	1	E200.7		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Hardness as CaCO3	169 mg/L	1	A2340 B		
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	0.57 mg/L	0.05 E353.2			
B06111517-010	Drinking W	11/19/2006 12:50	11/21/2006	12/1/2006	Potassium	1 mg/L	1	E200.7		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Chloride	3 mg/L	1	E300.0		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Sulfate	25 mg/L	1	E300.0		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Sodium	0.62 mg/L	0.05 E353.2			
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Conductivity	480 umhos/cm	1 E2510 B			
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Iron	ND	mg/L	0.03 E200.7		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Magnesium	12 mg/L	1	E200.7		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Potassium	ND	mg/L	1 E200.7		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Sodium	48 mg/L	1	E200.7		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Solids	211 mg/L	4	A2320 B		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Bicarbonate as HCO3	257 mg/L	4	A2320 B		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Carbonate as CO3	ND	mg/L	4	A2320 B	
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Solids, Total Dissolved - Calculated	273 mg/L	1	A1030F		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Hardness as CaCO3	155 mg/L	1	A2340 B		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	pH	7.5 s.u.	0.1	E150.1		
B06111517-008	Drinking W	11/19/2006 14:10	11/21/2006	12/1/2006	Calcium	43 mg/L	1	E200.7		
B06111517-008	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Bicarbonate as HCO3	206 mg/L	4	A2320 B		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Iron	ND	mg/L	0.03 E200.7		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Magnesium	9 mg/L	1	E200.7		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Potassium	ND	mg/L	1 E200.7		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Conductivity	7.9 s.u.	0.1	E150.1		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Alkalinity, Total as CaCO3	0.22 mg/L	0.05 E353.2			
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Sodium	46 mg/L	1	E200.7		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Chloride	1 mg/L	1	E300.0		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Sulfate	31 mg/L	1	E200.7		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Calcium	169 mg/L	4	A2320 B		
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Alkalinity, Total as CaCO3	mg/L	4 A2310 B			
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Carbonate as CO3	386 umhos/cm	1 A2510 B			
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Conductivity	225 mg/L	1 A1030F			
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Sodium	114 mg/L	1 A2340 B			
B06111517-006	Drinking W	11/19/2006 14:22	11/21/2006	12/1/2006	Sulfate	23 mg/L	1 E300.0			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Potassium	1 mg/L	1	E200.7		
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Sulfate	25 mg/L	1	E300.0		
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Chloride	1 mg/L	1	E300.0		
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Sodium	21 mg/L	1	E200.7		
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Magnesium	12 mg/L	1	E200.7		
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Conductivity	mg/L	0.03 E200.7			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Alkalinity, Total as CaCO3	38 mg/L	1 E200.7			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Carbonate as CO3	366 umhos/cm	1 A2510 B			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Solids, Total Dissolved - Calculated	7.6 s.u.	0.1	E150.1		
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	pH	207 mg/L	1 A1030F			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Bicarbonate as HCO3	188 mg/L	4 A2320 B			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	0.32 mg/L	0.05 E353.2			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Sodium	mg/L	4 A2320 B			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Chloride	144 mg/L	1 A2340 B			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Sulfate	0.76 unites	0.01 Calculation			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Hardness as CaCO3	154 mg/L	4 A2320 B			
B06111517-017	Drinking W	11/19/2006 10:55	11/21/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	222 mg/L	4 A2320 B			
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	Carbonate as CO3	8 mg/L	4 A2320 B			
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	Solids, Total Dissolved - Calculated	53 mg/L	1 E300.0			
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	pH	ND	mg/L	1 E200.7		
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	Chloride	ND	mg/L	1 E200.7		
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	Sodium	ND	mg/L	1 E200.7		
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	Magnesium	116 mg/L	1 A200.7			
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	Solids, Total Dissolved - Calculated	311 mg/L	1 A1030F			
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	pH	8.6 s.u.	0.1	E150.1		
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	Bicarbonate as HCO3	3 mg/L	1 E200.7			
B06111517-010	Drinking W	11/19/2006 16:50	11/21/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	0.79 mg/L	0.05 E200.7			
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/1/2006	Conductivity	mg/L	1 E200.7			
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/1/2006	Alkalinity, Total as CaCO3	ND	mg/L	1 A2510 B		
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/1/2006	Carbonate as CO3	118 mg/L	4 A2320 B			
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/1/2006	Solids, Total Dissolved - Calculated	161 mg/L	1 A1030F			
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/1/2006	pH	274 umhos/cm	1 A2510 B			
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/1/2006	Chloride	123 mg/L	1 A2340 B			
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/1/2006	Sodium	ND	mg/L	1 E200.7		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Sulfate	7.5 s.u.	0.1	E150.1		
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Chloride	9 mg/l	1	E300.0		
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Calcium	2 mg/l	1	E300.0		
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Magnesium	36 mg/l	1	E200.7		
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Carbonate as CO3	8 mg/l	1	E200.7		
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Sodium	ND		mg/l	4 A2230 B	
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	12 mg/l	1	E200.7		
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Barbitonate as HCO3	0.85 mg/l	0.05	E353.2		
B06111517-005	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Alkalinity, Total as CaCO3	144 mg/l	4	A2230 B		
B06111517-011	Drinking W	11/19/2006 16:00	11/21/2006	12/12/2006	Sodium	ND		mg/l	0.09 E200.7	
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Magnesium	149 mg/l	1	E200.7		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Calcium	ND		mg/l	1 E200.7	
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Iron	4 mg/l	1	E200.7		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Potassium	ND		mg/l	0.03 E200.7	
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Hardness as CaCO3	10 mg/l	1	A2240 B		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Solids, Total Dissolved - Calculated	388 mg/l	1	A1030F		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	pH	226 mg/l	4	A2230 B		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Conductivity	4.7 s.u.	0.1	E150.1		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	2.14 mg/l	0.05	E353.2		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Chloride	661 umhos/cm	1	A2210 B		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Bicarbonate as HCO3	20 mg/l	1	E300.0		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Carbonate as CO3	255 mg/l	4	A2230 B		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Sodium	10 mg/l	4	A2230 B		
B06111517-011	Drinking W	11/20/2006 15:55	11/23/2006	12/12/2006	Hardness as CaCO3	58 mg/l	1	E300.0		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Sulfate	ND		mg/l	0.03 E200.7	
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Iron	10 mg/l	1	A2240 B		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Hardness as CaCO3	0.38 mg/l	0.05	E353.2		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	3 mg/l	1	E300.0		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Chloride	118 mg/l	1	E200.7		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Sodium	ND		mg/l	1 E200.7	
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Potassium	8 mg/l	0.1	E150.1		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	pH	4 mg/l	1	E200.7		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Calcium	210 mg/l	4	A2230 B		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Magnesium	256 mg/l	4	A2230 B		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Barbitonate as HCO3	33 mg/l	1	E300.0		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Sodium Adsorption Ratio (SAR)	16 unitless	0.03	Calculation		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Solids, Total Dissolved - Calculated	297 mg/l	1	A1030F		
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Carbonate as CO3	ND		mg/l	4 A2230 B	
B06111517-015	Drinking W	11/20/2006 17:45	11/23/2006	12/12/2006	Conductivity	503 umhos/cm	1	A2210 B		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Carbonate as CO3	ND		mg/l	1 A2230 B	
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Sulfate	78 mg/l	1	E300.0		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Chloride	5 mg/l	1	E300.0		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.11 mg/l	0.05	E353.2		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Magnesium	45 mg/l	1	E200.7		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Potassium	58 mg/l	1	E200.7		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Sodium	0.03 mg/l	0.03	E300.7		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Hardness as CaCO3	291 mg/l	1	A2210 B		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Solids, Total Dissolved - Calculated	7.5 s.u.	0.1	E150.1		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	pH	616 umhos/cm	1	A2210 B		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Conductivity	201 mg/l	1	A2240 B		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Hardness as CaCO3	22 mg/l	1	E200.7		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	3 mg/l	1	E300.7		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Chloride	239 mg/l	1	A2230 B		
B07021110-016	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Sodium	364 mg/l	1	A1030F		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Potassium	ND		mg/l	1 E200.7	
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Chloride	3 mg/l	1	E300.0		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Sulfate	67 mg/l	1	E300.0		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.53 mg/l	0.05	E353.2		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Magnesium	3 mg/l	1	E200.7		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Calcium	230 mg/l	1	A2230 B		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Iron	285 mg/l	3	A2230 B		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Potassium	603 umhos/cm	1	A2210 B		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	Carbonate as CO3	8 mg/l	1	A2230 B		
B07021110-018	Aqueous	2/18/2007 9:25	2/29/2007	2/25/2007	pH	8.5 s.u.	0.1	E150.1		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Sodium	ND		mg/l	1 A2230 B	
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3	172 mg/l	1	A2230 B		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Potassium	2 mg/l	1	E300.7		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Conductivity	383 umhos/cm	1	A2210 B		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated	229 mg/l	1	A1030F		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Barbitonate as HCO3	209 mg/l	1	A2230 B		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Sulfate	21 mg/l	1	E300.0		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Chloride	2 mg/l	1	E300.0		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Sodium	93 mg/l	1	A2240 B		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Hardness as CaCO3	56 mg/l	1	E200.7		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Magnesium	8 mg/l	1	E200.7		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Iron	0.33 mg/l	0.03	E200.7		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Calcium	23 mg/l	1	E200.7		
B07021110-005	Aqueous	2/19/2007 10:50	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.34 mg/l	0.05	E353.2		
B07021110-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3	7.4 s.u.	0.1	E150.1		
B07021110-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Bicarbonate as HCO3	163 mg/l	1	A2230 B		
B07021110-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Sulfate	199 mg/l	1	A2230 B		
B07021110-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Iron	14 mg/l	1	E300.0		
B07021110-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	Carbonate as CO3	ND		mg/l	0.03 E200.7	
B07021110-015	Aqueous	2/18/2007 11:25	2/20/2007	2/25/2007	pH	ND		mg/l	1 A2230 B	

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.48 mg/l	0.05	E35.3		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	pH	8 s.u.	0.1	E150.1		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Hardness as CaCO ₃	93 mg/l	1	A2340 B		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Solids, Total Dissolved - Calculated	204 mg/l	1	A1030F		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Potassium	1 mg/l	1	E200.7		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Conductivity	356 umhos/cm	1	A2510 B		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Magnesium	6 mg/l	1	E200.7		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Chloride	3 mg/l	1	E300.0		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Calcium	26 mg/l	1	E200.7		
B07021100-015	Aqueous	2/18/2007 11:25	2/10/2007	2/25/2007	Sodium	43 mg/l	1	E200.7		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	pH	7.6 s.u.	0.1	E150.1		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Potassium	1 mg/l	1	E200.7		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.86 mg/l	0.05	E35.3		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Conductivity	414 umhos/cm	1	A2510 B		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Calcium	32 mg/l	1	E200.7		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Magnesium	0.14 mg/l	0.03	E200.7		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Iron	12 mg/l	1	E200.7		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Chloride	43 mg/l	1	E200.7		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Sodium	186 mg/l	1	A2320 B		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Alkalinity, Total as CaCO ₃	20 mg/l	1	E300.0		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Hardness as CaCO ₃	128 mg/l	1	A2340 B		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Bicarbonate as HCO ₃	227 mg/l	1	A2320 B		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Carbonate as CO ₃	ND	mg/l	1	A2320 B	
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Solids, Total Dissolved - Calculated	237 mg/l	1	A1030F		
B07021100-004	Aqueous	2/19/2007 11:02	2/10/2007	2/25/2007	Chloride	2 mg/l	1	E300.0		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Conductivity	7.3 s.u.	0.1	E150.1		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Carbonate as CO ₃	258 umhos/cm	1	A2510 B		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Calcium	ND	mg/l	1	A2320 B	
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Sodium	9 mg/l	1	E300.0		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Magnesium	8 mg/l	1	E200.7		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Iron	0.16 mg/l	0.03	E200.7		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Chloride	30 mg/l	1	E200.7		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Sodium	113 mg/l	1	A2320 B		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Potassium	ND	mg/l	1	E200.7	
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Bicarbonate as HCO ₃	138 mg/l	1	A2320 B		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Hardness as CaCO ₃	11 mg/l	1	E200.7		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Chloride	2 mg/l	1	E300.0		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Alkalinity, Total as CaCO ₃	107 mg/l	1	A2340 B		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Solids, Total Dissolved - Calculated	151 mg/l	1	A1030F		
B07021100-012	Aqueous	2/19/2007 11:15	2/10/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	1.09 mg/l	0.05	E35.3		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Iron	0.56 mg/l	0.03	E200.7		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Potassium	2 mg/l	1	E200.7		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Calcium	32 mg/l	1	E200.7		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Sodium	35 mg/l	1	E200.7		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Magnesium	9 mg/l	1	E200.7		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Conductivity	359 umhos/cm	1	A2510 B		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Sulfate	2 mg/l	1	E300.0		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Chloride	17 mg/l	1	A1030F		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Solids	212 mg/l	1	A1030F		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Carbonate as CO ₃	ND	mg/l	1	A2320 B	
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Hardness as CaCO ₃	117 mg/l	1	A2340 B		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Bicarbonate as HCO ₃	199 mg/l	1	A2320 B		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Alkalinity, Total as CaCO ₃	163 mg/l	1	A2320 B		
B07021100-003	Aqueous	2/18/2007 12:30	2/10/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.27 mg/l	0.05	E35.3		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Chloride	7.7 s.u.	0.1	E150.1		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Bicarbonate as HCO ₃	277 mg/l	1	A2320 B		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Carbonate as CO ₃	ND	mg/l	1	A2320 B	
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Magnesium	12 mg/l	1	E200.7		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Conductivity	486 umhos/cm	1	A2510 B		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Sodium	163 mg/l	1	A2340 B		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Potassium	24 mg/l	1	E300.0		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Solids, Total Dissolved - Calculated	283 mg/l	1	A1030F		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Alkalinity, Total as CaCO ₃	227 mg/l	1	A2320 B		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Chloride	3 mg/l	1	E300.0		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Iron	7.6 s.u.	0.1	E150.1		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Potassium	ND	mg/l	0.03	E200.7	
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Chloride	1 mg/l	1	E200.7		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Sodium	48 mg/l	1	E200.7		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Magnesium	24 mg/l	1	E300.0		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Hardness as CaCO ₃	1 mg/l	1	E300.0		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Bicarbonate as HCO ₃	151 mg/l	1	A2320 B		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Carbonate as CO ₃	184 mg/l	1	A2320 B		
B07021100-019	Aqueous	2/18/2007 11:45	2/10/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	ND	mg/l	1	A2320 B	
B07021100-014	Aqueous	2/18/2007 12:15	2/10/2007	2/25/2007	Potassium	1.05 mg/l	0.05	E35.3		
B07021100-014	Aqueous	2/18/2007 12:15	2/10/2007	2/25/2007	Chloride	mg/l	1	E300.7		
B07021100-014	Aqueous	2/18/2007 12:15	2/10/2007	2/25/2007	Sodium	7.8 s.u.	0.1	E150.1		
B07021100-014	Aqueous	2/18/2007 12:15	2/10/2007	2/25/2007	Magnesium	35 mg/l	1	E200.7		
B07021100-014	Aqueous	2/18/2007 12:15	2/10/2007	2/25/2007	Conductivity	204 mg/l	1	A1030F		
B07021100-014	Aqueous	2/18/2007 12:15	2/10/2007	2/25/2007	Carbonate as CO ₃	356 umhos/cm	1	A2510 B		
B07021100-014	Aqueous	2/18/2007 12:15	2/10/2007	2/25/2007	Solids, Total Dissolved - Calculated	ND	mg/l	1	A2320 B	
B07021100-010	Aqueous	2/18/2007 10:20	2/10/2007	2/25/2007	Chloride	277 mg/l	1	A2320 B		
B07021100-010	Aqueous	2/18/2007 10:20	2/10/2007	2/25/2007	Iron	2 mg/l	1	E300.0		
B07021100-010	Aqueous	2/18/2007 10:20	2/10/2007	2/25/2007	Potassium	0.45 mg/l	0.05	E35.3		
B07021100-010	Aqueous	2/18/2007 10:20	2/10/2007	2/25/2007	Sodium	24 mg/l	1	E300.0		
B07021100-010	Aqueous	2/18/2007 10:20	2/10/2007	2/25/2007	Magnesium	47 mg/l	1	E200.7		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07021100-010	Aqueous	2/18/2007 16:20	2/20/2007	2/25/2007	Potassium	2 mg/L	1	E200.7		
B07021100-010	Aqueous	2/18/2007 16:20	2/20/2007	2/25/2007	Magnesium	13 mg/L	1	E200.7		
B07021100-010	Aqueous	2/18/2007 16:20	2/20/2007	2/25/2007	Iron	0.04 mg/L	0.03	E200.7		
B07021100-010	Aqueous	2/18/2007 16:20	2/20/2007	2/25/2007	Calcium	42 mg/L	1	E200.7		
B07021100-010	Aqueous	2/18/2007 16:20	2/20/2007	2/25/2007	Alkalinity, Total as CaCO ₃	227 mg/L	1	A2320 B		
B07021100-010	Aqueous	2/18/2007 16:20	2/20/2007	2/25/2007	Conductivity	494 umhos/cm	1	A2510 B		
B07021100-010	Aqueous	2/18/2007 16:20	2/20/2007	2/25/2007	7.8 s.u.	0.1	E150.1			
B07021100-010	Aqueous	2/18/2007 16:20	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated	277 mg/L	1	A1500F		
B07021100-010	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Hardness as CaCO ₃	157 mg/L	1	A2340 B		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Sodium	15 mg/L	1	E200.7		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Potassium	0.19 mg/L	0.03	E200.7		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Calcium	26 mg/L	1	E200.7		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated	149 mg/L	1	A1500F		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Magnesium	8 mg/L	1	E200.7		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	pH	7.3 s.u.	0.1	E150.1		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Conductivity	268 umhos/cm	1	A2310 B		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Alkalinity, Total as CaCO ₃	119 mg/L	1	A2320 B		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Bicarbonate as HCO ₃	146 mg/L	1	A2320 B		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Carbonate as CO ₃	ND	1.12 mg/L	0.05	E353.2	
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	8 mg/L	1	E300.0		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Sodium	103 mg/L	1	A2340 B		
B07021100-008	Aqueous	2/19/2007 6:40	2/20/2007	2/25/2007	Chloride	2 mg/L	1	E300.0		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Hardness as CaCO ₃	0.14 mg/L	0.05	E353.2		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Potassium	1 mg/L	1	E200.7		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Alkalinity, Total as CaCO ₃	267 mg/L	1	A2320 B		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Bicarbonate as HCO ₃	320 mg/L	1	A2320 B		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Carbonate as CO ₃	3 mg/L	1	A2320 B		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Conductivity	607 umhos/cm	1	A2310 B		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Hardness as CaCO ₃	62 mg/L	1	A2340 B		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Sodium	121 mg/L	1	E200.7		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Chloride	8.1 s.u.	0.1	E150.1		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	358 mg/L	1	A1500F		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Magnesium	4 mg/L	1	E200.7		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Iron	0.04 mg/L	0.03	E200.7		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Calcium	18 mg/L	1	E200.7		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Chloride	11 mg/L	1	E300.0		
B07021100-017	Aqueous	2/18/2007 12:00	2/19/2007	2/25/2007	Sulfate	31 mg/L	1	E300.0		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Hardness as CaCO ₃	15 mg/L	1	A2340 B		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Solids, Total Dissolved - Calculated	371 mg/L	1	A1500F		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Conductivity	7 mg/L	1	E300.0		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Sulfate	125 mg/L	1	E200.7		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Magnesium	1 mg/L	1	E200.7		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Potassium	2 mg/L	1	E200.7		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Chloride	2 mg/L	1	E300.0		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Iron	6.49 mg/L	0.03	E200.7		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	pH	8.5 s.u.	0.1	E150.1		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Conductivity	535 umhos/cm	1	A2310 B		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Sodium	7 mg/L	1	E300.0		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Chloride	125 mg/L	1	E200.7		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Bicarbonate as HCO ₃	299 mg/L	1	A2320 B		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	ND	0.05	E353.3		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Alkalinity, Total as CaCO ₃	257 mg/L	1	A2320 B		
B07021100-006	Aqueous	2/18/2007 15:04	2/19/2007	2/25/2007	Carbonate as CO ₃	7 mg/L	1	A2320 B		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Carbonate as CO ₃	ND	0.05	E353.3		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Sulfate	29 mg/L	1	A2320 B		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Iron	ND	0.03	E200.7		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Chloride	4 mg/L	1	E300.0		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Conductivity	481 umhos/cm	1	A2310 B		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	pH	148 mg/L	1	A2340 B		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Sodium	259 mg/L	1	A2320 B		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Chloride	0.8 mg/L	0.05	E353.3		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	33 mg/L	1	E200.7		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Calcium	38 mg/L	1	E200.7		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Potassium	mg/L	1	E200.7		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Sulfate	7.3 s.u.	0.1	E150.1		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Magnesium	274 mg/L	1	A1500F		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Sodium	48 mg/L	1	E200.7		
B07021100-007	Aqueous	2/18/2007 14:25	2/20/2007	2/25/2007	Chloride	212 mg/L	1	A2320 B		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Hardness as CaCO ₃	109 mg/L	1	A2340 B		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Potassium	mg/L	1	E200.7		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Iron	ND	0.03	E200.7		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Sodium	45 mg/L	1	E200.7		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Chloride	227 mg/L	1	A1500F		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Conductivity	399 umhos/cm	1	A2310 B		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Bicarbonate as HCO ₃	215 mg/L	1	A2320 B		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Calcium	28 mg/L	1	E200.7		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	pH	7.9 s.u.	0.1	E150.1		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Sulfate	25 mg/L	1	E300.0		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Chloride	.2 mg/L	1	E300.0		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Alkalinity, Total as CaCO ₃	177 mg/L	1	A2320 B		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Magnesium	mg/L	1	A2320 B		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Sodium	10 mg/L	1	E200.7		
B07021100-009	Aqueous	2/18/2007 14:37	2/20/2007	2/25/2007	Chloride	0.21 mg/L	0.05	E353.2		
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Bicarbonate as HCO ₃	197 mg/L	1	A2320 B		
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Calcium	35 mg/L	1	E200.7		
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Magnesium	13 mg/L	1	E200.7		
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Chloride	2 mg/L	1	E300.0		
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Alkalinity, Total as CaCO ₃	mg/L	1	A2320 B		
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Iron	ND	0.03	E200.7		
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Sodium	mg/L	1	E300.0		
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Chloride	24 mg/L	1	E300.0		

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Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	Rlimit	Method
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated	205 mg/L			1 A1030F	
B07021100-013	Aqueous	2/18/2007 10:43	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.37 mg/L			0.05 E353.2	
B07021100-013	Aqueous	2/18/2007 10:43	2/20/2007	2/25/2007	Potassium	1 mg/L			1 E200.7	
B07021100-013	Aqueous	2/18/2007 10:43	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3	162 mg/L			1 A2320 B	
B07021100-013	Aqueous	2/18/2007 10:43	2/20/2007	2/25/2007	Conductivity	369 umhos/cm			1 A2510 B	
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Sodium	21 mg/L			1 E200.7	
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	pH	7.6 s.u.			0.1 E150.1	
B07021100-013	Aqueous	2/18/2007 10:42	2/20/2007	2/25/2007	Hardness as CaCO3	141 mg/L			1 A2340 B	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Hardness as CaCO3	7 mg/L			1 A2340 B	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Calcium	2 mg/L			1 E200.7	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Bicarbonate as HCO3	227 mg/L			1 A2320 B	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Iron	0.29 mg/L			0.08 E200.7	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Magnesium	ND mg/L			0.05 E353.2	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Solid, Total Dissolved - Calculated	ND mg/L			1 E200.7	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Chloride	322 mg/L			1 A1030F	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Sulfate	1 mg/L			1 E300.0	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3	54 mg/L			1 E300.0	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Carbonate as CO3	198 mg/L			1 A2320 B	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Conductivity	7 mg/L			1 A2320 B	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	pH	514 umhos/cm			1 A2510 B	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Sodium	8.5 s.u.			0.1 E150.1	
B07021100-002	Aqueous	2/19/2007 8:58	2/20/2007	2/25/2007	Potassium	128 mg/L			1 E200.7	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Hardness as CaCO3	ND mg/L			1 E200.7	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated	109 mg/L			1 A2340 B	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Calcium	152 mg/L			1 A1030F	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	pH	30 mg/L			1 E200.7	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Conductivity	7.3 s.u.			0.1 E150.1	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	266 umhos/cm			1 A2510 B	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Sulfate	0.85 mg/L			0.05 E353.2	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Chloride	10 mg/L			1 E300.0	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Sulfite	2 mg/L			1 E300.0	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Potassium	ND mg/L			1 E200.7	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Magnesium	ND mg/L			1 E200.7	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Iron	ND mg/L			0.03 E200.7	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Sodium	11 mg/L			1 E200.7	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Bicarbonate as HCO3	145 mg/L			1 A2320 B	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Alkalinity, Total as CaCO3	118 mg/L			1 A2320 B	
B07021100-011	Aqueous	2/19/2007 9:30	2/20/2007	2/25/2007	Carbonate as CO3	ND mg/L			1 A2320 B	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Carbonate as CO3	ND mg/L			1 A2320 B	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Conductivity	500 umhos/cm			1 A2510 B	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	pH	7.7 s.u.			0.1 E150.1	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Chloride	4 mg/L			1 E300.0	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Hardness as CaCO3	7 mg/L			1 A2340 B	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Sulfate	36 mg/L			1 E300.0	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.57 mg/L			0.05 E353.2	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Magnesium	ND mg/L			1 E200.7	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Potassium	258 mg/L			1 A2320 B	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Sodium	ND mg/L			1 E200.7	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Iron	ND mg/L			1 E200.7	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Calcium	121 mg/L			1 E200.7	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Solids, Total Dissolved - Calculated	301 mg/L			1 A1030F	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	Iron	ND mg/L			0.03 E200.7	
B07021100-003	Aqueous	2/19/2007 10:26	2/20/2007	2/25/2007	pH	212 mg/L			1 A2320 B	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains	11.6 grains/gal			0.1 Calculation	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Chloride	5 mg/L			1 E300.0	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	0.18 mg/L			0.05 E353.2	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Total, Dissolved - Calculated	366 mg/L			1 A1030F	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sulfate	75 mg/L			1 E300.0	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Hardness as CaCO3	198 mg/L			1 A2340 B	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	pH	7.7 s.u.			0.1 A4500 H	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sodium	60 mg/L			1 E200.7	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Potassium	1 mg/L			1 E200.7	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Magnesium	20 mg/L			1 E200.7	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3	242 mg/L			1 A2320 B	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Bicarbonate as HCO3	296 mg/L			1 A2320 B	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Carbonate as CO3	46 mg/L			1 A2320 B	
B07051834-010	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Iron	ND mg/L			0.03 E200.7	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sulfate	624 umhos/cm			1 A2510 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Conductivity	3 mg/L			1 E300.0	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Chloride	0.5 mg/L			0.1 Calculation	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains	9 mg/L			1 A2340 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sodium	157 mg/L			1 E200.7	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Magnesium	ND mg/L			1 E200.7	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Iron	ND mg/L			0.03 E200.7	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Conductivity	632 umhos/cm			1 A2510 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Sulfite	74 mg/L			1 E300.0	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Calcium	389 mg/L			1 A1030F	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	233 mg/L			1 A2320 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	pH	265 mg/L			1 A2320 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Carbonate as CO3	9 mg/L			1 A2320 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Iron	3 mg/L			1 E200.7	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Conductivity	0.51 mg/L			0.05 E353.2	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	pH	8.7 s.u.			0.1 A4500 H	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Magnesium	3 mg/L			1 E200.7	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Hardness as CaCO3 - Grains	2.2 grains/gal			0.1 Calculation	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Alkalinity, Total as CaCO3	261 mg/L			1 A2320 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Bicarbonate as HCO3	280 mg/L			1 A2320 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Carbonate as CO3	19 mg/L			1 A2320 B	
B07051834-009	Aqueous	5/19/2007 9:30	5/21/2007	5/30/2007	Conductivity	623 umhos/cm			1 A2510 B	

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceivedDate	ReportDate	Analyte	TResult	NResult	Units	Rlimit	Method
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Chloride	44 mg/L	1	E000.0		
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Chloride	7 mg/L	1	E000.0		
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Sodium	9.86 mg/L	0.03	E200.7		
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Potassium	3 mg/L	1	E200.7		
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Sodium	158 mg/L	1	E200.7		
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	pH	9 s.u.	0.1	A4500 H		
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	446 mg/L	1	A1030F		
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Hardness as CaCO ₃	37 mg/L	1	A2340 B		
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07051834-001	Aqueous	5/16/2007 15:37	5/21/2007	5/20/2007	Calcium	10 mg/L	1	E200.7		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃	219 mg/L	1	A2320 B		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Bicarbonate as HCO ₃	239 mg/L	1	A2320 B		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	pH	8.9 s.u.	0.1	A4500 H		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Sulfate	24 mg/L	1	E000.0		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Conductivity	496 umhos/cm	1	A2340 B		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	14 mg/L	1	A2320 B		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Sodium	3 mg/L	1	E000.0		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Hardness as CaCO ₃	ND		mg/L	0.16	E200.7
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Carbonate as CO ₃	133 mg/L	1	E200.7		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Magnesium	0.2 grain/gal	0.1	Calculation		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Potassium	mg/L	1	E200.7		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	309 mg/L	1	A1030F		
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N	ND		mg/L	0.05	E353.2
B07051834-019	Aqueous	5/18/2007 12:44	5/21/2007	5/20/2007	Calcium	2 mg/L	1	E200.7		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N	0.07 mg/L	0.05	E353.2		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Conductivity	406 umhos/cm	1	A2310 B		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Chloride	1 mg/L	1	E000.0		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Bicarbonate as HCO ₃	231 mg/L	1	A2320 B		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Carbonate as CO ₃	1 mg/L	1	A2320 B		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃	199 mg/L	1	A2320 B		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	6 grain/gal	0.1	Calculation		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	233 mg/L	1	A1030F		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Sulfate	18 mg/L	1	E000.0		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Calcium	26 mg/L	1	E200.7		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Iron	0.16 mg/L	0.03	E200.7		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Magnesium	9 mg/L	1	E200.7		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Potassium	ND		mg/L	1	E200.7
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Sodium	53 mg/L	1	E200.7		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	Hardness as CaCO ₃	102 mg/L	1	A2340 B		
B07051834-019	Aqueous	5/19/2007 8:20	5/21/2007	5/20/2007	pH	8.1 s.u.	0.1	A4500 H		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Hardness as CaCO ₃	119 mg/L	1	A2340 B		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Sodium	13 mg/L	1	E200.7		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Carbonate as CO ₃	0.34 mg/L	0.05	E353.2		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	ND		mg/L	1	A2320 B
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Potassium	ND		mg/L	1	E200.7
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Magnesium	9 mg/L	1	E200.7		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Chloride	7.6 s.u.	0.1	A4500 H		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Iron	0.04 mg/L	0.03	E200.7		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Sulfate	1 mg/L	1	E000.0		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Conductivity	162 mg/L	1	A1030F		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Chloride	10 mg/L	1	E000.0		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Bicarbonate as HCO ₃	6.9 grain/gal	0.1	Calculation		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Carbonate as CO ₃	156 mg/L	1	A2320 B		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃	278 umhos/cm	1	A2310 B		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Hardness as CaCO ₃	128 mg/L	1	A2320 B		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Sodium	33 mg/L	1	E200.7		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Calcium	225 mg/L	1	A1030F		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Chloride	2 mg/L	1	E000.0		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Sulfate	15 mg/L	1	E000.0		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	130 mg/L	1	A2340 B		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	7.6 grain/gal	0.1	Calculation		
B07051834-019	Aqueous	5/20/2007 11:15	5/21/2007	5/20/2007	Conductivity	37 mg/L	1	E200.7		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	pH	8.3 s.u.	0.1	A4500 H		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Sodium	37 mg/L	1	E200.7		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Potassium	ND		mg/L	1	E200.7
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Magnesium	9 mg/L	1	E200.7		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Chloride	400 umhos/cm	1	A2310 B		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Conductivity	0.33 mg/L	0.03	E200.7		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Carbonate as CO ₃	3 mg/L	1	A2320 B		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Bicarbonate as HCO ₃	228 mg/L	1	A2320 B		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃	191 mg/L	1	A2320 B		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Sulfate	12 mg/L	1	E200.7		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	ND		mg/L	0.05	E353.2
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	499 umhos/cm	1	A2310 B		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	pH	2 mg/L	1	E000.0		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Sodium	292 mg/L	1	A1030F		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Chloride	24 mg/L	1	E200.7		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Bicarbonate as HCO ₃	9.6 grains/gal	0.1	Calculation		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Carbonate as CO ₃	7.9 s.u.	0.1	A4500 H		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃	55 mg/L	1	E200.7		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Sulfate	231 mg/L	1	A2320 B		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Potassium	1 mg/L	1	E200.7		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Hardness as CaCO ₃	165 mg/L	1	A2340 B		
B07051834-003	Aqueous	5/18/2007 17:37	5/21/2007	5/20/2007	Calcium	46 mg/L	1	E200.7		
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	ND		mg/L	0.03	E200.7
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/20/2007	pH	282 mg/L	1	A2320 B		
B07051834-005	Aqueous	5/19/2007 14:55	5/21/2007	5/20/2007	Sulfate	339 mg/L	1	A2310 B		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimt	Method
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Hardness as CaCO ₃	111 mg/l	1	A2340 B		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Calcium	29 mg/l	1	E200.7		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	pH	8 s.u.	0.1	A4500 H		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Sodium	33 mg/l	1	E200.7		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Potassium	9 mg/l	1	E200.7		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Magnesium	ND	mg/l			
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Iron	ND	mg/l	0.03	E200.7	
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Chloride	ND	mg/l	1	A2320 B	
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Carbonate as CO ₃	199 mg/l	1	A1030F		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Total Dissolved - Calculated	6.5 grain/gal	0.1	Calculation		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Sulfate	20 mg/l	1	E300.0		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Bicarbonate as HC0 ₃	182 mg/l	1	A2320 B		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃	149 mg/l	1	A2320 B		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	0.6 mg/l	0.05	E353.2		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Chloride	1 mg/l	1	E300.0		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Conductivity	496 umhos/cm	1	A2510 B		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	pH	7.9 s.u.	0.1	A4500 H		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Carbonate as CO ₃	ND	mg/l	1	A2320 B	
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains	286 mg/l	1	A2320 B		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃	234 mg/l	1	A2320 B		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Chloride	2 mg/l	1	E300.0		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains	9.7 grain/gal	0.1	Calculation		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated	166 mg/l	1	A2340 B		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated	290 mg/l	1	A1030F		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Magnesium	13 mg/l	1	E200.7		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Sulfate	22 mg/l	1	E300.0		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Sodium	54 mg/l	1	E200.7		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	0.16 mg/l	0.05	E353.2		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Chloride	45 mg/l	1	E200.7		
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Iron	ND	mg/l	0.03	E200.7	
B07051834-002	Aqueous	5/19/2007 15:10	5/21/2007	5/30/2007	Potassium	ND	mg/l	1	E200.7	
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Chloride	1 mg/l	1	E300.0		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃	144 mg/l	1	A2320 B		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	pH	7.7 s.u.	0.1	A4500 H		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Sodium	18 mg/l	1	E200.7		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Carbonate as CO ₃	ND	mg/l	1	A2320 B	
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Bicarbonate as HC0 ₃	175 mg/l	1	A2320 B		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Conductivity	310 umhos/cm	1	A2510 B		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Sulfate	10 mg/l	1	E300.0		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Hardness as CaCO ₃	175 mg/l	1	A1030F		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated	7 grain/gal	0.1	Calculation		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains	32 mg/l	1	E200.7		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Magnesium	10 mg/l	1	E200.7		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Hardness as CaCO ₃	119 mg/l	1	A2340 B		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Potassium	ND	mg/l	0.05	E353.2	
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	0.55 mg/l	0.05	E300.7		
B07051834-015	Aqueous	5/20/2007 10:45	5/21/2007	5/30/2007	Iron	ND	mg/l	0.03	E200.7	
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Sulfate	38 mg/l	1	E300.0		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Chloride	14 mg/l	1	E300.0		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Hardness as CaCO ₃	39 mg/l	1	A2340 B		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains	2.3 grain/gal	0.1	Calculation		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Conductivity	603 umhos/cm	1	A2510 B		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Sodium	417 mg/l	1	A1030F		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	293 mg/l	1	A2320 B		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Iron	163 mg/l	1	E200.7		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Sulfate	8.5 s.u.	0.1	A4500 H		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	0.07 mg/l	0.05	E353.2		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Potassium	ND	mg/l	1	E200.7	
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Carbonate as HC0 ₃	339 mg/l	1	A2320 B		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Magnesium	2 mg/l	1	E200.7		
B07051834-015	Aqueous	5/19/2007 15:25	5/21/2007	5/30/2007	Sodium	12 mg/l	1	E200.7		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Iron	ND	mg/l	0.03	E200.7	
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Carbonate as CO ₃	5 mg/l	1	A2320 B		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Sodium	138 mg/l	1	E200.7		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Potassium	ND	mg/l	1	E200.7	
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Magnesium	ND	mg/l	1	E200.7	
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Carbonate as CO ₃	4 mg/l	1	A2320 B		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Bicarbonate as HC0 ₃	209 mg/l	1	A2320 B		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃	252 mg/l	1	A2320 B		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated	331 mg/l	1	A1030F		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Conductivity	2.5 mg/l	0.03	E200.7		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains	0.5 grain/gal	0.1	Calculation		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Chloride	2 mg/l	0.05	E353.2		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃	ND	mg/l	1	E4500 H	
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	209 mg/l	1	A2320 B		
B07051834-017	Aqueous	5/19/2007 17:28	5/21/2007	5/30/2007	Potassium	255 mg/l	1	A2320 B		
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Carbonate as CO ₃	ND	mg/l	1	E2320 B	
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Bicarbonate as HC0 ₃	155 mg/l	1	A2340 B		
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃	472 umhos/cm	1	A2510 B		
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Conductivity	50 mg/l	1	E200.7		
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Sodium	7.6 s.u.	0.1	A4500 H		
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Iron	ND	mg/l	0.03	E200.7	
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Calcium	41 mg/l	1	E200.7		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ResiveDate	ReportDate	Analyte	TResult	NResult	Units	Limit	Method
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Magnesium	ND	12 mg/L	1 E200.7		
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Potassium		mg/L	1 E200.7		
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Chloride		4 mg/L	1 E300.0		
B07051834-021	Aqueous	5/19/2007 16:48	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		276 mg/L	1 A1030F		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Hardness as CaCO ₃		112 mg/L	1 A2340 B		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Calcium		29 mg/L	1 E200.7		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	pH		7.9 s.u.	0.1 A4500 H		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		232 mg/L	1 A1030F		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Conductivity		393 umhos/cm	1 A2510 B		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Chloride		1 mg/L	1 E300.0		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Carbonate as CO ₃	ND	mg/L	1 A2320 B		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		6.5 grain/gal	0.1 Calculation		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		23 mg/L	1 E300.0		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Sodium		0.22 mg/L	0.05 E353.2		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Sulfate		48 mg/L	1 E200.7		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Potassium	ND	mg/L	1 E200.7		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃		177 mg/L	1 A2320 B		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Bicarbonate as HCO ₃		217 mg/L	1 A2320 B		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Magnesium		9 mg/L	1 E200.7		
B07051834-020	Aqueous	5/19/2007 16:58	5/21/2007	5/30/2007	Iron	ND	mg/L	0.03 E200.7		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Chloride		179 mg/L	1 A2320 B		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Sulfate		29 mg/L	1 E300.0		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Chloride		1 mg/L	1 E300.0		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		206 mg/L	1 A1030F		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Hardness as CaCO ₃		127 mg/L	1 A2340 B		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		7.4 grain/gal	0.1 Calculation		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.26 mg/L	0.05 E353.2		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃		147 mg/L	1 A2320 B		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Carbonate as CO ₃	ND	mg/L	1 A2320 B		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Sodium		30 mg/L	1 E200.7		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Calcium		35 mg/L	1 E200.7		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Iron	ND	mg/L	0.03 E200.7		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Magnesium		9 mg/L	1 E200.7		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Potassium	ND	mg/L	1 E200.7		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	Conductivity		353 umhos/cm	1 A2510 B		
B07051834-006	Aqueous	5/19/2007 14:25	5/21/2007	5/30/2007	pH		7.9 s.u.	0.1 A4500 H		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Sulfate		25 mg/L	1 E300.0		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		0.48 mg/L	0.05 E353.2		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Calcium		39 mg/L	1 E200.7		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	pH		7.7 s.u.	0.1 A4500 H		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Sodium		31 mg/L	1 E200.7		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Chloride		1 mg/L	1 E300.0		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Potassium		1 mg/L	1 E200.7		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Magnesium		11 mg/L	1 E200.7		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Iron		0.03 mg/L	0.03 E200.7		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		224 mg/L	1 A1030F		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Hardness as CaCO ₃		143 mg/L	1 A2340 B		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Bicarbonate as HCO ₃		267 mg/L	1 A2320 B		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃		169 mg/L	1 A2320 B		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	Conductivity		388 umhos/cm	1 A2510 B		
B07051834-007	Aqueous	5/19/2007 14:08	5/21/2007	5/30/2007	pH		7.7 s.u.	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Carbonate as CO ₃ - Grains	ND	8.4 grain/gal	0.1 Calculation		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sodium		2 mg/L	0.1 A4500 H		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Chloride		51 mg/L	1 E300.0		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sulfate		9 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Carbonate as CO ₃		312 mg/L	1 A1030F		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		125 mg/L	1 E200.7		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sodium		198 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Chloride		223 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Hardness as CaCO ₃		6 mg/L	1 A2340 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		0.4 mg/L	0.05 E353.2		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.05 E353.2		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Calcium		0.06 mg/L	0.03 E200.7		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Potassium		0.64 mg/L	0.05 E353.2		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sodium		7.6 s.u.	0.1 A4500 H		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Iron		mg/L	0.03 E200.7		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Magnesium		8 mg/L	1 E200.7		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Potassium	ND	mg/L	1 E200.7		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Conductivity		33 mg/L	1 E200.7		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sulfate		273 umhos/cm	1 A2510 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Chloride		9 mg/L	1 E300.0		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Hardness as CaCO ₃		1 mg/L	1 E300.0		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Bicarbonate as HCO ₃		150 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃		157 mg/L	1 A1030F		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Conductivity		123 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Carbonate as CO ₃		115 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		6.7 grain/gal	0.1 Calculation		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Carbonate as CO ₃		232 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sodium		17 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Iron		mg/L	1 E200.7		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Magnesium		11 mg/L	1 E300.0		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Potassium		37 mg/L	1 E300.0		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Sulfate		219 mg/L	1 A2320 B		
B07051834-016	Aqueous	5/20/2007 11:45	5/21/2007	5/30/2007	Chloride		1.08 mg/L	0.05 E353.2		

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	THesult	Result	Runits	Rlimit	Method
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Conductivity	ND	548	umhos/cm	1 A2510 B	
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Magnesium		mg/l		1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Sodium		142	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO ₃		4	mg/l	1 A2340 B	
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Iron	ND	mg/l	0.03	E200.7	
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		8.9	s.u.	0.1 A4500 H	
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	pH		0.2	grain/gal	0.1 Calculation	
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Calcium		2	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:50	5/21/2007	5/30/2007	Total Dissolved - Calculated	ND	341	mg/l	1 A1030F	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Magnesium		mg/l	1 E200.7		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Conductivity		519	umhos/cm	1 A2510 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	pH		8	s.u.	0.1 A4500 H	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃		216	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Bicarbonate as HCO ₃		263	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Carbonate as CO ₃	ND	mg/l	1 A2320 B		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Chloride		0.74	mg/l	0.05 E353.2	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N	ND	mg/l	0.03	E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Iron	ND	mg/l	1 E200.7		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Potassium	ND	123	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		312	mg/l	1 A1030F	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO ₃		8	mg/l	1 A2340 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		0.5	grain/gal	0.1 Calculation	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sulfate		4	mg/l	1 E300.0	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Calcium		38	mg/l	1 E300.0	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Livestock Suitability		3	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Conductivity		37	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃		750	umhos/cm	1 A2510 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Iron		96	mg/l	1 E300.0	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Chloride		28	mg/l	1 E300.0	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Calcium		71	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Irrigation Classification		Visual	Visual		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Livestock Suitability		8	s.u.	0.1 A4500 H	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	pH		4.88	mg/l	0.05 E353.2	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		2	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Potassium		33	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Magnesium		0.19	mg/l	0.03 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sulfate		289	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Iron		127	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Calcium		18.4	grain/gal	0.1 Calculation	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO ₃		314	mg/l	1 A2340 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Carbonate as CO ₃	ND	mg/l	1 A2320 B		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Solids, Total Dissolved - Calculated		440	mg/l	1 A1030F	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Magnesium	ND	mg/l	1 E200.7		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sulfate		336	mg/l	1 A1030F	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	pH		8.6	s.u.	0.1 A4500 H	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sulfate		567	umhos/cm	1 A2510 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Conductivity		7	mg/l	1 A2340 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO ₃		0.4	grain/gal	0.1 Calculation	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Carbonate as CO ₃		36	mg/l	1 E300.0	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Chloride		2	mg/l	1 E300.0	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		1.1	mg/l	0.05 E353.2	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Potassium	ND	mg/l	1 E200.7		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sodium		2	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Alkalinity, Total as CaCO ₃		241	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Bicarbonate as HCO ₃		279	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		ND	mg/l	0.03 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sulfate		8	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Calcium		156	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Livestock Suitability		Visual	Visual		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Conductivity		486	umhos/cm	1 A2510 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sodium		112	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Potassium		0.13	mg/l	0.03 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Magnesium		1	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Iron		8.8	s.u.	0.1 A4500 H	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Chloride	ND	mg/l	0.05 E353.2		
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		14	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Carbonate as CO ₃		0.2	grain/gal	0.1 Calculation	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		4	mg/l	1 A2340 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sulfate		281	mg/l	1 A1030F	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Iron		22	mg/l	1 E300.0	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Chloride		3	mg/l	1 E300.0	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Irrigation Classification		234	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Unsettled Suitability		215	mg/l	1 A2320 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Bicarbonate as HCO ₃		5.4	grain/gal	0.1 Calculation	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO ₃ - Grains		336	umhos/cm	1 A2510 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	pH		8	s.u.	0.1 A4500 H	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Nitrogen, Nitrate+Nitrite as N		38	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Sodium		1	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Potassium		6	mg/l	1 E200.7	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Magnesium		6	mg/l	1 A2340 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Unsettled Suitability		192	mg/l	1 A1030F	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Hardness as CaCO ₃		0.38	mg/l	0.05 E353.2	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Chloride		92	mg/l	1 A2340 B	
B0705184-018	Aqueous	5/20/2007 9:55	5/21/2007	5/30/2007	Irrigation Classification		3	mg/l	1 E300.0	

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	Rlimt	Method
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Iron	ND		mg/l	0.03	E206.7
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Calcium		27 mg/l		1	E206.7
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/l	1	A2320 B
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Bicarbonate as HCO3		189 mg/l		1	A2320 B
B07082466-007	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Sulfate		13 mg/l		1	E300.0
B07082466-015	Aqueous	8/25/2007 12:55	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		155 mg/l		1	A2320 B
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.22 mg/l		0.05	E353.2
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Potassium		1 mg/l		1	E206.7
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Magnesium		11 mg/l		1	E206.7
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		192 mg/l		1	A2320 B
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Iron		1.87 mg/l		0.03	E206.7
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Sodium		33 mg/l		1	E206.7
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Bicarbonate as HCO3		234 mg/l		1	A2320 B
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Carbonate as CO3	ND		mg/l	1	A2320 B
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Hardness as CaCO3		143 mg/l		1	A2340 B
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Calcium		40 mg/l		1	E206.7
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Irrigation Classification	-		Visual		
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		8.3 grains/gal		0.1	Calculation
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		239 mg/l		1	A1030F
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	pH		8.3 s.u.		0.1	A4500 H
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Conductivity		398 umhos/cm		1	A2510 B
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Chloride		2 mg/l		1	E300.0
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Sulfate		14 mg/l		1	E300.0
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		37 mg/l		1	E206.7
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Calcium	-		Visual		
B07082466-015	Aqueous	8/26/2007 9:00	8/28/2007	9/5/2007	Livestock Suitability		5.8 mg/l		0.06	E206.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Iron		10 mg/l		1	E206.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Magnesium		2 mg/l		1	E206.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Potassium		13 mg/l		1	E206.7
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Sodium		7.8 grain/gal		0.1	Calculation
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		190 mg/l		1	A1030F
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		133 mg/l		1	A2340 B
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Hardness as CaCO3		1 mg/l		1	E300.0
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Chloride		7.5 s.u.		0.1	A4500 H
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Sulfate		283 umhos/cm		1	A2510 B
B07082466-005	Aqueous	8/25/2007 18:35	8/28/2007	9/5/2007	Irrigation Classification	-		Visual		
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3		132 mg/l		1	A2340 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		161 mg/l		1	A2320 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	pH		mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sodium		10 mg/l		1	E300.0
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sulfate		0.2 mg/l		0.05	E353.2
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		37 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Calcium	-		Visual		
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Livestock Suitability		5.8 mg/l		0.06	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Iron		10 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Magnesium		2 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Potassium		13 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Irrigation Classification	-	7.8 grain/gal		0.1	Calculation
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		190 mg/l		1	A1030F
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		133 mg/l		1	A2340 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3		1 mg/l		1	E300.0
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Chloride		7.5 s.u.		0.1	A4500 H
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sulfate		283 umhos/cm		1	A2510 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Irrigation Classification	-		Visual		
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3		132 mg/l		1	A2340 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		290 mg/l		1	A1030F
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	pH		58 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sodium		mg/l		0.05	E353.2
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Chloride		3 mg/l		1	E300.0
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sulfate		7.7 grain/gal		0.1	Calculation
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Iron		12 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Magnesium		0.05 mg/l		0.08	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Irrigation Classification	-		Visual		
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3		281 mg/l		1	A2320 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		230 mg/l		1	A2320 B
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	pH		2 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sulfate		25 mg/l		1	E300.0
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		9.2 grain/gal		0.1	Calculation
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Calcium		50 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sodium		43 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Sulfate		22 mg/l		1	E300.0
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.33 mg/l		0.05	E353.2
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Chloride		2 mg/l		1	E300.0
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Potassium		2 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Magnesium		12 mg/l		1	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Iron		0.49 mg/l		0.03	E206.7
B07082466-011	Aqueous	8/25/2007 13:16	8/28/2007	9/5/2007	Hardness as CaCO3		287 mg/l		1	A1030F
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Sulfate		158 mg/l		1	A2340 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Irrigation Classification	-		Visual		
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Hardness as CaCO3		8.1 s.u.		0.1	A4500 H
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		mg/l		1	A2320 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	pH		290 mg/l		1	A2320 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		238 mg/l		1	A2320 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Conductivity		499 umhos/cm		1	A2510 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Sulfate					Visual
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		11 mg/l		1	E300.0
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Chloride		182 mg/l		1	A2320 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Carbonate as CO3		mg/l		1	A2320 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Conductivity		312 umhos/cm		1	A2510 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Uvestock Suitability	-		Visual		
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Hardness as CaCO3		7.2 grain/gal		0.1	Calculation
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		122 mg/l		1	A2340 B
B07082466-013	Aqueous	8/25/2007 11:35	8/28/2007	9/5/2007	pH		181 mg/l		1	A1030F

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	Rlimit	Method
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Calcium	33 mg/L	1	mg/L	206.7	
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Magnesium	10 mg/L	1	mg/L	206.7	
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Potassium	ND		mg/L	206.7	
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Sodium	20 mg/L	1	mg/L	206.7	
B07082466-002	Aqueous	8/25/2007 18:12	8/28/2007	9/5/2007	Irrigation Classification	-				Visual
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Calcium	53 mg/L	1	mg/L	206.7	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated	350 mg/L	1	mg/L	1030F	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Hardness as CaCO ₃	205 mg/L	1	mg/L	2340 B	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Hardness as CaCO ₃ - Grains	12 grains/gal	0.1	grains/gal		
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	0.25 mg/L	0.05	mg/L	E35.2	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Potassium	2 mg/L	1	mg/L	206.7	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Irrigation Classification	-				Visual
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Sodium	0.11 mg/L	0.05	mg/L	206.7	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Iron	57 mg/L	1	mg/L	206.7	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Conductivity	596 umhos/cm	1	umhos/cm	A2510 B	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	pH	8 s.u.	0.1	s.u.	A4500 H	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Chloride	3 mg/L	1	mg/L	A2320 B	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Carbonate as CO ₃	338 mg/L	1	mg/L	A2320 B	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Alkalinity, Total as CaCO ₃	277 mg/L	1	mg/L	A2320 B	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Magnesium	17 mg/L	1	mg/L	206.7	
B07082466-003	Aqueous	8/25/2007 14:00	8/28/2007	9/5/2007	Livestock Suitability	-				Visual
B07082466-003	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate	37 mg/L	1	mg/L	A300.0	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Irrigation Classification	-				Visual
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride	2 mg/L	1	mg/L	A300.0	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate	4 mg/L	1	mg/L	A300.0	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Carbonate as CO ₃	ND		mg/L	0.05 E35.2	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	9 mg/L	1	mg/L	206.7	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Potassium	127 mg/L	2	mg/L	206.7	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sodium	11 mg/L	1	mg/L	206.7	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Calcium	38 mg/L	0.2	mg/L	206.7	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron	59 mg/L	1	mg/L	A2340 B	
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO ₃	-				Visual
B07082466-012	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Livestock Suitability	600 mg/L	1	mg/L	1030F	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated	600 mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Carbonate as CO ₃	9 mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Bicarbonate as HCO ₃	304 mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO ₃	8.6 s.u.	0.1	s.u.	A4500 H	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity	546 umhos/cm	1	umhos/cm	A2510 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium	8 mg/L	1	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	264 mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated	3.4 grains/gal	0.1	grains/gal		
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO ₃ - Grains	mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	pH	246 mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Carbonate as CO ₃	165 mg/L	1	mg/L	A2340 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate	14 mg/L	1	mg/L	A300.0	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO ₃	235 mg/L	1	mg/L	1030F	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	0.7 mg/L	0.05	mg/L	E35.2	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron	3 mg/L	1	mg/L	A300.0	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride	mg/L	0.05	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sodium	1 mg/L	1	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity	-				Visual
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO ₃	7.9 s.u.	0.1	s.u.	A4500 H	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Irrigation Classification	27 mg/L	1	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium	9.7 grains/gal	0.1	grains/gal		
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO ₃ - Grains	43 mg/L	1	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Calcium	422 umhos/cm	1	umhos/cm	A2510 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron	201 mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium	-				Visual
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate	14 mg/L	1	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO ₃	40 mg/L	1	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride	3 mg/L	1	mg/L	A300.0	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate	26 mg/L	1	mg/L	A300.0	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity	-				Visual
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron	0.05 mg/L	0.05	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium	12 mg/L	1	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	1.31 mg/L	0.05	mg/L	E35.2	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Irrigation Classification	-				Visual
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium	8.6 grains/gal	0.1	grains/gal		
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO ₃ - Grains	47 mg/L	1	mg/L	206.7	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity	147 mg/L	1	mg/L	A2340 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	pH	7.8 s.u.	0.1	s.u.	A4500 H	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO ₃	480 umhos/cm	1	umhos/cm	A2510 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride	216 mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate	275 mg/L	1	mg/L	1030F	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Carbonate as CO ₃	ND		mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Bicarbonate as HCO ₃	264 mg/L	1	mg/L	A2320 B	
B07082466-006	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Potassium	ND		mg/L	206.7	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sodium	178 mg/L	1	mg/L	A2320 B	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO ₃	218 mg/L	1	mg/L	A2320 B	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity	227 mg/L	1	mg/L	1030F	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride	27 mg/L	1	mg/L	206.7	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO ₃	-				Visual
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sodium	393 umhos/cm	1	umhos/cm	A2510 B	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity	mg/L	1	mg/L	A2320 B	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Magnesium	48 mg/L	1	mg/L	206.7	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Hardness as CaCO ₃	104 mg/L	1	mg/L	A2340 B	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Conductivity	6.1 grain/gal	0.1	grain/gal		
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride	mg/L	1	mg/L	E200.7	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Sulfate	9 mg/L	1	mg/L	E200.7	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Alkalinity, Total as CaCO ₃	23 mg/L	1	mg/L	E300.0	

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Units	NLimit	Method
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron	ND	8.3 s.u.	0.1 A4500 H		
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride		1 mg/l	mg/l	0.03 E300.7	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.16 mg/l	mg/l	0.05 E353.2	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Bicarbonate as HCO3		234 mg/l	mg/l	1 A2320 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		203 mg/l	mg/l	1 A2320 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Magnesium	ND	mg/l	mg/l	1 E300.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Iron		0.12 mg/l	mg/l	0.03 E300.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Calcium		2 mg/l	mg/l	1 E300.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Conductivity		513 umhos/cm	umhos/cm	1 A2510 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Irrigation Classification	-				Visual
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND	mg/l	mg/l	0.05 E353.2	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Livestock Suitability	-				Visual
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Potassium	ND	mg/l	mg/l	1 E300.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Carbonate as CO3		6 mg/l	mg/l	1 A2320 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		8.5 s.u.	0.1 A4500 H		
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Total Dissolved - Calculated		308 mg/l	mg/l	1 A1030f	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		120 mg/l	mg/l	1 E300.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Chloride	ND	49 mg/l	mg/l	1 E300.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Sodium		0.4 grain/gal	grain/gal	0.1 Calculation	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Sulfate		6 mg/l	mg/l	1 A2340 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Hardness as CaCO3		158 mg/l	mg/l	1 A1030f	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Potassium		12 mg/l	mg/l	1 E300.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Carbonate as CO3	ND	113 mg/l	mg/l	1 A2340 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Potassium		7.9 s.u.	0.1 A4500 H		
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Chloride		1 mg/l	mg/l	1 E300.0	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Magnesium		8 mg/l	mg/l	1 E300.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Calcium		32 mg/l	mg/l	1 E300.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.52 mg/l	mg/l	0.05 E353.3	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		155 mg/l	mg/l	0.1 Calculation	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Conductivity		274 umhos/cm	umhos/cm	1 A2510 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Livestock Suitability	-				Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Bicarbonate as HCO3					Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3					Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sulfate					Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Iron	ND	0.52 mg/l	mg/l	0.03 E300.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Calcium		113 mg/l	mg/l	1 E300.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sodium		210 mg/l	mg/l	1 A2320 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3		0.25 mg/l	mg/l	0.05 E353.3	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		220 mg/l	mg/l	1 A2320 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Carbonate as CO3		18 mg/l	mg/l	1 A2320 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.1 grain/gal	grain/gal	0.1 Calculation	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		2 mg/l	mg/l	1 A2340 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Chloride	ND	276 mg/l	mg/l	1 A1030f	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Calcium		mg/l	mg/l	1 E300.7	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Sodium		113 mg/l	mg/l	1 E300.7	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		210 mg/l	mg/l	1 A2320 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.25 mg/l	mg/l	0.05 E353.3	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Bicarbonate as HCO3		220 mg/l	mg/l	1 A2320 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Carbonate as CO3		18 mg/l	mg/l	1 A2320 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.1 grain/gal	grain/gal	0.1 Calculation	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		2 mg/l	mg/l	1 A2340 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Chloride	ND	8.9 s.u.	0.03 E300.7		
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Potassium		mg/l	mg/l	0.1 A4500 H	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Conductivity		466 umhos/cm	umhos/cm	1 A2510 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Sulfate		20 mg/l	mg/l	1 E300.0	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Chloride		3 mg/l	mg/l	1 E300.0	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Irrigation Classification	-				Visual
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Livestock Suitability					Visual
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Carbonate as CO3	ND	mg/l	mg/l	1 A2320 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		218 mg/l	mg/l	1 A2320 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Bicarbonate as HCO3		266 mg/l	mg/l	1 A2320 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Hardness as CaCO3		6 mg/l	mg/l	1 A2340 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		303 mg/l	mg/l	1 A1030f	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Magnesium	ND	mg/l	mg/l	1 E300.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Sulfate		29 mg/l	mg/l	1 E300.0	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Chloride		4 mg/l	mg/l	1 E300.0	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Potassium		121 mg/l	mg/l	1 E300.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Conductivity		8.1 s.u.	0.1 A4500 H		
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	pH		1.13 mg/l	mg/l	0.05 E353.2	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.03 mg/l	mg/l	0.03 E300.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Iron		2 mg/l	mg/l	1 E300.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Calcium		506 umhos/cm	umhos/cm	1 A2510 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Potassium	ND	mg/l	mg/l	1 E300.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4 grains/gal	grain/gal	0.1 Calculation	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Irrigation Classification	-				Visual

Horse Creek CGWA Water Quality Data

LabSampled	Metric	CollectionDate	ReceivedDate	ReportDate	Analyte	Result	NResult	Units	Rlimit	Method
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Zinc	ND	mg/l	0.01	E200.0	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Chloride	2 mg/l		1	E300.0	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Nitrogen, Nitrate+Nitrite as N	0.11 mg/l		0.05	E203.2	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	pH	7.7 s.u.		0.1	E150.1	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Solids, Total Dissolved TDS @ 180 C	219 mg/l		10	A2240 C	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Carbonate as CaCO ₃	ND	mg/l	4	A2320 B	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Arsenic	ND	mg/l	0.005	E200.0	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Boron	0.1 mg/l		0.1	E200.0	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Sulfate	0.7 mg/l		1	E300.0	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Manganese	0.09 mg/l		0.01	E200.0	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Bicarbonate as HC03	278 mg/l		4	A2320 B	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Magnesium	30 mg/l		1	E200.7	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Hardness as CaCO ₃	137 mg/l		1	A2240 B	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Conductivity	416 umhos/cm		1	A2310 B	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Sodium	37 mg/l		1	E200.7	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Calcium	39 mg/l		1	E200.7	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Iron	0.86 mg/l		0.05	E200.7	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Alkalinity, Total as CaCO ₃	228 mg/l		4	A2320 B	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Lead	ND	mg/l	0.01	E200.0	
032020553-001	Aqueous	2/19/2002 14:10	2/1/2002	2/27/2002	Potassium	1 mg/l		1	E200.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Nitrogen, Nitrate+Nitrite as N	0.4 mg/l		0.05	E203.2	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Carbonate as CaCO ₃	ND	mg/l	4	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Alkalinity, Total as CaCO ₃	247 mg/l		4	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	pH	7.2 s.u.		0.1	E150.1	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Conductivity	475 umhos/cm		1	A2310 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Zinc	ND	mg/l	0.01	E200.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Manganese	302 mg/l		4	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Chloride	2 mg/l		1	E300.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Sulfate	29 mg/l		1	E300.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Arsenic	ND	mg/l	0.005	E200.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Boron	ND	mg/l	0.1	E200.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Manganese	ND	mg/l	0.01	E200.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Hardness as CaCO ₃	146 mg/l		1	A2240 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Solids, Total Dissolved TDS @ 180 C	228 mg/l		10	A2240 C	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Calcium	39 mg/l		1	E200.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Iron	ND	mg/l	0.03	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Potassium	ND	mg/l	1	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Sulfate	45 mg/l		1	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Lead	ND	mg/l	0.01	E206.6	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Chloride	406 umhos/cm		1	A2310 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Magnesium	182 mg/l		3	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Bicarbonate as HC03	223 mg/l		3	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Solids, Total Dissolved TDS @ 180 C	235 mg/l		10	A2240 C	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Sulfite	22 mg/l		1	E300.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Carbonate as CaCO ₃	ND	mg/l	1	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Alkalinity, Total as CaCO ₃	95 mg/l		1	A2340 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	pH	7.7 s.u.		0.1	E150.1	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Conductivity	437 umhos/cm		1	A2310 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Hardness as CaCO ₃	95 mg/l		1	A2340 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Magnesium	8 mg/l		1	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Potassium	ND	mg/l	1	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Sulfite	39 mg/l		1	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Calcium	25 mg/l		1	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Sodium	173		0.01	Calculation	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Sulfon Adorption Ratio (SAR)	0.21 mg/l		0.05	E203.2	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Nitrogen, Nitrate+Nitrite as N	ND	mg/l	1	A2310 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Conductivity	437 umhos/cm		1	A2310 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Chloride	2 mg/l		1	E300.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	pH	7.5 s.u.		0.1	E150.1	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Sulfate	18 mg/l		1	E300.0	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Solids, Total Dissolved TDS @ 180 C	244 mg/l		10	A2240 C	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Carbonate as CaCO ₃	ND	mg/l	1	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Alkalinity, Total as CaCO ₃	244 mg/l		3	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Manganese	249 mg/l		3	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Hardness as CaCO ₃	95 mg/l		1	A2240 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Cadmium	24 mg/l		1	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Magnesium	9 mg/l		1	E206.7	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Bicarbonate as HC03	188 mg/l		3	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Solids, Total Dissolved TDS @ 180 C	150 mg/l		3	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Conductivity	221 umhos/cm		1	A2310 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Carbonate as CaCO ₃	ND	mg/l	1	A2320 B	
032020553-002	Aqueous	2/19/2002 15:05	2/1/2002	2/27/2002	Alkalinity, Total as CaCO ₃	0.7		0.01	Calculation	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Potassium	17 mg/l		1	E300.7	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Magnesium	ND	mg/l	1	E300.7	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Calcium	9 mg/l		1	E300.7	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Chloride	29 mg/l		1	E300.7	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Nitrogen, Nitrate+Nitrite as N	113 mg/l		1	A2340 B	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	pH	0.55 mg/l		0.05	E203.2	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Sulfate	77 mg/l		0.1	E300.1	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Carbonate as CaCO ₃	13 mg/l		1	E300.0	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Alkalinity, Total as CaCO ₃	183 mg/l		3	A2320 B	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Solids, Total Dissolved TDS @ 180 C	400 mg/l		1	A2310 B	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Conductivity	236 mg/l		3	A2320 B	
032020775-003	Aqueous	9/14/2002 14:21	9/15/2003	9/17/2003	Carbonate as CaCO ₃	ND	mg/l	1	A2320 B	
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Horse Creek CGWA Water Quality Data

LabID#	Method	CollectionDate	ReceivedDate	ReportDate	Analyte	TimeUnit	Measure	Results	Units	Method
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Solids, Total Dissolved TDS @ 180 C	227 mg/l	10 A2240 C			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	2 mg/l	1 E200.0			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	129 mg/l	1 A2340 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium	29 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Calcium	34 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Magnesium	9 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium Adsorption Ratio [SAR]	1.15	0.01 Calculation			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Potassium	1 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Nitrogen, Nitrate+Nitrite as N	0.06 mg/l	0.05 E353.2			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Conductivity	523 umhos/cm	1 A2210 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	228 mg/l	3 A2320 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Bicarbonate as HC03	278 mg/l	8 A2330 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Carbonate as CO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Solids, Total Dissolved TDS @ 180 C	286 mg/l	10 A2240 C			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	3 mg/l	1 E200.0			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium	33 mg/l	1 E200.0			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	pH	7.6 s.t.	0.1 E156.1			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Calcium	7 mg/l	1 A2240 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Magnesium	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium Adsorption Ratio [SAR]	17.8	0.01 Calculation			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Magnesium	223 mg/l	10 A2240 C			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	3 mg/l	1 E200.0			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	25 mg/l	1 E200.0			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Bicarbonate as HC03	229 mg/l	3 A2320 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Carbonate as CO ₃	187 mg/l	8 A2330 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium	7.4 s.t.	0.1 E156.1			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Nitrogen, Nitrate+Nitrite as N	0.07 mg/l	0.05 E353.2			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Solids, Total Dissolved TDS @ 180 C	421 umhos/cm	1 A2210 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	144 mg/l	1 A2340 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	35 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Potassium	1 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Calcium	26 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Magnesium	14 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium Adsorption Ratio [SAR]	0.85	0.01 Calculation			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	0.17 mg/l	0.05 E353.2			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Nitrogen, Nitrate+Nitrite as N	285 mg/l	2 A2220 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Carbonate as HC03	30 mg/l	3 A2240 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	2 mg/l	1 E200.0			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	32 mg/l	1 E200.0			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	504 umhos/cm	1 A2210 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Fluoride	2.51 mg/l	0.1 A4500-F C			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	pH	8.0 s.t.	0.1 E156.1			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	400 mg/l	10 A2240 C			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium	267 mg/l	2 A2220 B			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Nitrogen, Nitrate+Nitrite as N	140 mg/l	1 E200.7			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Carbonate as HC03	ND	mg/l			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Chloride	30 mg/l	1 A2240 B			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Hardness as CaCO ₃	2 mg/l	1 E200.0			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Potassium	32 mg/l	1 E200.7			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Conductivity	ND	mg/l			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Alkalinity, Total as CaCO ₃	504 umhos/cm	1 A2210 B			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Magnesium	ND	mg/l			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Manganese	0.01 mg/l	0.01 E156.1			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Potassium	0.01 mg/l	0.01 E156.1			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Sodium	140 mg/l	1 E200.7			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Chloride	ND	mg/l			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Hardness as CaCO ₃	ND	mg/l			
00121666-001	Aqueous	12/26/2006 16:00	12/26/2006	1/1/2007	Alkalinity, Total as CaCO ₃	34.0	0.01 Calculation			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium Adsorption Ratio [SAR]	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	1 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	6.0 mg/l	0.05 E353.2			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Bicarbonate as HC03	22 mg/l	3 A2240 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Carbonate as CO ₃	466 mg/l	1 A2220 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Solids	572 mg/l	50 A2240 C			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Nitrogen, Nitrate+Nitrite as N	1.05 mg/l	0.05 E353.2			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Conductivity	120 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	8.5	0.01 Calculation			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Potassium	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Calcium	26 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	83 mg/l	1 A2240 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Magnesium	6 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	480 mg/l	50 A2240 C			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium	8.1 s.t.	0.1 E156.1			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Nitrogen, Nitrate+Nitrite as N	56 mg/l	1 E200.0			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium Adsorption Ratio [SAR]	18.5	0.01 Calculation			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	12 mg/l	1 A2240 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	146 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Sodium	3 mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Potassium	mg/l	1 E200.7			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Conductivity	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	275 mg/l	3 A2230 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Carbonate as CO ₃	637 umhos/cm	1 A2210 B			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Magnesium	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Carbonate as CO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Magnesium	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Chloride	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Hardness as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Alkalinity, Total as CaCO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006	Carbonate as CO ₃	ND	mg/l			
00000725-004	Aqueous	9/14/2006 15:05	9/15/2006	9/17/2006						

Horse Creek CGWA Water Quality Data

LabSampleID	Metric	CollectionDate	ReceivedDate	ReportDate	Analyte	Result	Method
B06021281-002	Aqueous	2/29/2006 13:20	2/21/2006	3/7/2006	Magnesium	ND	E200.7
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Solids, Total Dissolved TDS @ 180 C	219 mg/l	A2540 C
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Alkalinity, Total as CaCO3	190 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Bicarbonate as HCO3	231 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Carbonate as CO3	mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Chloride	2 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Sulfate	24 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Conductivity	372 umhos/cm	A2510 B
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	pH	8.1 s.u.	E150.1
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Nitrogen, Nitrate+Nitrite as N	0.28 mg/l	E258.2
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Potassium	mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Magnesium	9 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Solids	43 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Hardness as CaCO3	116 mg/l	A2540 B
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Sodium Adsorption Ratio (SAR)	1.74	0.01 Calculation
B06021281-003	Aqueous	2/29/2006 13:33	2/21/2006	3/7/2006	Calcium	31 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity, Total as CaCO3	225 mg/l	A2320 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Bicarbonate as HCO3	275 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Carbonate as CO3	mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Chloride	7 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Conductivity	482 umhos/cm	A2510 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	pH	7.9 s.u.	E150.1
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Solids, Total Dissolved TDS @ 180 C	268 mg/l	A2540 C
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Sulfate	29 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Nitrogen, Nitrate+Nitrite as N	1.44 mg/l	E253.2
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Hardness as CaCO3	156 mg/l	A2540 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Sodium	46 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Sodium Adsorption Ratio (SAR)	1.61	0.01 Calculation
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Potassium	mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Calcium	42 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Chloride	12 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Carbonate as CO3	5 mg/l	A2320 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Bicarbonate as HCO3	385 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity, Total as CaCO3	324 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Phosphate	20 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Sulfate	34 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Conductivity	703 umhos/cm	A2510 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	pH	8.5 s.u.	E150.1
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Solids, Total Dissolved TDS @ 180 C	403 mg/l	A2540 C
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Nitrogen, Nitrate+Nitrite as N	mg/l	0.05 E253.2
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Potassium	1 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Hardness as CaCO3	34 mg/l	A2540 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Sodium	153 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Calcium	10 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Sodium Adsorption Ratio (SAR)	11.5	0.01 Calculation
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Chloride	2 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Conductivity	221 mg/l	A2320 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity, Total as CaCO3	269 mg/l	A2320 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Bicarbonate as HCO3	3 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Carbonate as CO3	18 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Phosphate	428 umhos/cm	A2510 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	pH	8 s.u.	E150.1
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Solids, Total Dissolved TDS @ 180 C	238 mg/l	A2540 C
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Nitrogen, Nitrate+Nitrite as N	0.3 mg/l	0.05 E253.2
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Potassium	43 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Calcium	1.27	0.01 Calculation
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Chloride	11 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Carbonate as CO3	148 mg/l	A2320 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Bicarbonate as HCO3	36 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity, Total as CaCO3	2 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Sodium	460 umhos/cm	A2510 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	pH	8 s.u.	E150.1
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Solids	34 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Calcium	4 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Chloride	mg/l	A2320 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Carbonate as CO3	263 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Bicarbonate as HCO3	340 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity, Total as CaCO3	278 mg/l	A2540 C
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Nitrogen, Nitrate+Nitrite as N	0.56 mg/l	0.05 E253.2
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Sodium Adsorption Ratio (SAR)	2.25	0.01 Calculation
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Calcium	30 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Chloride	12 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Carbonate as CO3	5 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Bicarbonate as HCO3	58 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity, Total as CaCO3	125 mg/l	A2540 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Conductivity	482 umhos/cm	A2510 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Solids, Total Dissolved TDS @ 180 C	279 mg/l	A2540 C
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Nitrogen, Nitrate+Nitrite as N	252 mg/l	A2540 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity, Total as CaCO3	8.2 s.u.	E150.1
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Chloride	32 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Carbonate as CO3	4 mg/l	E200.0
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Bicarbonate as HCO3	mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity as CaCO3	268 mg/l	A2230 B
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Potassium	0.27 mg/l	0.05 E253.2
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Calcium	17.7	0.01 Calculation
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Chloride	3 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Carbonate as CO3	113 mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Bicarbonate as HCO3	mg/l	E200.7
B06021281-003	Aqueous	2/29/2006 13:36	2/21/2006	3/7/2006	Alkalinity as CaCO3	8 mg/l	A2230 B

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceivedDate	ReportDate	Analyte	TResult	NResult	Units	Method
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Magnesium as HC03	263 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3	3 mg/l		1 A2340 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	250 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Calcium	1 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Sodium	123 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Potassium	NO mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	NO mg/l		0.05 E353.2	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	310 mg/l		10 A2540 C	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	pH	9 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Conductivity	517 umhos/cm		1 A2310 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Magnesium	mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3	150 mg/l		1 A2340 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Calcium	31 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	0.49 mg/l		0.05 E353.2	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	133 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	pH	7.9 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Sodium	12 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Potassium	NO mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	1 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Conductivity	254 umhos/cm		1 A2310 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	10 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Carbonate as CO3	162 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	143 mg/l		10 A2540 C	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	pH	18 mg/l		1 A2340 C	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3	149 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Potassium	NO mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Carbonate as CO3	2 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Calcium	4 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	2.59 mg/l		0.05 E353.2	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	405 mg/l		10 A2540 C	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	pH	8.3 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	664 umhos/cm		1 A2310 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Magnesium	mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3	29 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	306 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	253 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Carbonate as CO3	64 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	2 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Potassium	mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Conductivity	314 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	6 mg/l		1 A2340 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3	215 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	243 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Carbonate as CO3	9 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	NO mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	pH	50 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Conductivity	495 umhos/cm		1 A2310 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	pH	8.8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	305 mg/l		10 A2540 C	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	mg/l		0.05 E353.2	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3	637 umhos/cm		1 A2310 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Magnesium	379 mg/l		1 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Calcium	87 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	7 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Potassium	242 mg/l		1 A2340 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Conductivity	0.58 mg/l		0.05 E353.2	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved TDS @ 180 C	mg/l		1 A2340 C	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3	302 mg/l		4 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	248 mg/l		4 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Magnesium	40 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Iron	25 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Calcium	mg/l		0.05 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Iron	56 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	7.5 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Potassium	2 mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Conductivity	549 umhos/cm		1 A2310 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	pH	mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Magnesium	mg/l		1 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	0.67 mg/l		0.05 E200.7	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved - Calculated	2 mg/l		4 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Carbonate as CO3	22 mg/l		4 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Alkalinity, Total as CaCO3	252 mg/l		4 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Iron	266 mg/l		4 A2320 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids, Total Dissolved - Calculated	315 mg/l		1 A1800	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Hardness as CaCO3	6 mg/l		0.05 E353.2	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	6 mg/l		1 A2340 B	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	2 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	17 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Carbonate as CO3	0.1 mg/l		0.05 E353.2	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	pH	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	2 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	17 mg/l		1 E200.0	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	0.1 mg/l		0.05 E353.2	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	8 mg/l		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nitrite as N	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Chloride	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Solids	8 s.u.		0.1 E150.1	
B06021501-001	Aquous	2/25/2006 11:00	2/27/2006	3/8/2006	Nitrogen, Nitrate+Nit				

Horse Creek CGWA Water Quality Data

LocationID	Method	CollectionDate	Result	Date	Analysis	Thresh	Result	Units	Limit	Method	
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Conductivity	427 umhos/cm	1	A2310 B			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Bicarbonate as HCO3	264 mg/l	4	A2320 B			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Calcium	31 mg/l	1	E200.7			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Iron	0.17 mg/l	0.03	E200.7			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Magnesium	10 mg/l	1	E200.7			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Potassium	3 mg/l	1	E200.7			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Sulfate	53 mg/l	1	E200.7			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Alkalinity, Total as CaCO3	216 mg/l	4	A2320 B			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Solids, Total Dissolved - Calculated	258 mg/l	1	A1800 F			
00052312-014	Drinking W	5/24/2006 17:55	5/24/2006	6/13/2006	Hardness as CaCO3	120 mg/l	1	A2340 B			
00052312-011	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Iron	0.3 mg/l	0.03	E200.7			
00052312-011	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Hardness as CaCO3	148 mg/l	1	A2340 B			
00052312-011	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Solids, Total Dissolved - Calculated	246 mg/l	1	A1800 F			
00052312-011	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Alkalinity as HCO3	258 mg/l	4	A2320 B			
00052312-011	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Magnesium	11 mg/l	1	E200.7			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Alkalinity, Total as CaCO3	210 mg/l	4	A2320 B			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Calcium	42 mg/l	1	E200.7			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Sulfate	12 mg/l	1	E200.0			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Chloride	2 mg/l	1	E200.0			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Nitrate+Nitrite as N	0.25 mg/l	0.05	E352.2			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Hydrogen, Nitrate+Nitrite as N	34 mg/l	1	E200.7			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Potassium	2 mg/l	1	E200.7			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	pH	8.2 s.u.	0.1	E150.1			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Conductivity	418 umhos/cm	1	A2310 B			
00052312-013	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Carbamate as CO3	ND		mg/l	4	A2320 B	
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Iron	0.17 mg/l	0.03	E200.7			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Chloride	2 mg/l	1	E200.0			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	pH	7.6 s.u.	0.1	E150.1			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Alkalinity, Total as CaCO3	158 mg/l	0.05	E352.2			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Solids, Total Dissolved - Calculated	246 mg/l	1	A2320 B			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Alkalinity as HCO3	258 mg/l	4	A2320 B			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Magnesium	31 mg/l	1	E200.7			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Alkalinity, Total Dissolved - Calculated	210 mg/l	4	A2320 B			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Calcium	8 mg/l	1	E200.7			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Sulfate	12 mg/l	1	E200.7			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Chloride	130 mg/l	4	A2320 B			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Nitrate+Nitrite as N	158 mg/l	4	A2320 B			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Solids	16 mg/l	1	E200.0			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Conductivity	270 umhos/cm	1	A2310 B			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Carbamate as CO3	110 mg/l	1	A2340 B			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Iron	159 mg/l	1	A1800 F			
00052312-009	Drinking W	5/24/2006 20:30	5/24/2006	6/13/2006	Alkalinity, Total as CaCO3	247 mg/l	4	A2320 B			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Solids, Total Dissolved - Calculated	341 mg/l	4	A2320 B			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Alkalinity as CaCO3	ND		mg/l	0.05	E352.2	
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Calcium	40 mg/l	1	E200.7			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Iron	40 mg/l	0.03	E200.7			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Magnesium	8.3 s.u.	0.1	E150.1			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Potassium	12 mg/l	1	E200.7			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Sulfate	1 mg/l	1	E200.7			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Chloride	149 mg/l	4	A2340 B			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Solids	56 mg/l	1	E200.7			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Chloride	3 mg/l	1	E200.0			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Sulfate	23 mg/l	1	E200.0			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Alkalinity, Total as CaCO3	295 mg/l	1	A1800 F			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Carbamate as CO3	497 umhos/cm	1	A2310 B			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	0.52 mg/l	0.05	E352.2			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Alkalinity	9 mg/l	1	E200.7			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Hardness as CaCO3	105 mg/l	1	A2340 B			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Solids, Total Dissolved - Calculated	213 mg/l	1	A1800 F			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Alkalinity as HCO3	346 mg/l	0.05	E200.7			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Calcium	302 mg/l	4	A2320 B			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Sulfate	28 mg/l	1	E200.7			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Chloride	ND		mg/l	4	A2320 B	
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Potassium	ND		mg/l	1	E200.7	
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Conductivity	366 umhos/cm	1	A2310 B			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Chloride	1 mg/l	1	E200.0			
00052312-005	Drinking W	5/24/2006 18:00	5/24/2006	6/13/2006	Sulfate	36 mg/l	1	E200.7			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	pH	8.1 s.u.	0.1	E150.1			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Alkalinity, Total as CaCO3	25 mg/l	1	E200.0			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Calcium	21 mg/l	1	E200.7			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Iron	ND		mg/l	0.05	E200.7	
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Potassium	2 mg/l	1	E200.7			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Sulfate	70 mg/l	1	E200.7			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Chloride	40 mg/l	1	E200.0			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Magnesium	261 mg/l	1	A2340 B			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Chloride	463 mg/l	4	A2320 B			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Alkalinity as HCO3	5 mg/l	1	E200.0			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Nitrogen, Nitrate+Nitrite as N	1.04 mg/l	0.05	E352.2			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Conductivity	695 umhos/cm	1	A2310 B			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Calcium	52 mg/l	1	E200.7			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	Solids, Total Dissolved - Calculated	400 mg/l	1	A1800 F			
00052312-015	Drinking W	5/24/2006 19:30	5/24/2006	6/13/2006	pH	7.7 s.u.	0.1	E150.1			
00052312-004	Drinking W	5/20/2006 16:55	5/20/2006	6/13/2006	Alkalinity, Total as CaCO3	330 mg/l	4	A2320 B			
00052312-004	Drinking W	5/20/2006 16:55	5/20/2006	6/13/2006	Calcium	4 mg/l	1	E200.7			
00052312-004	Drinking W	5/20/2006 16:55	5/20/2006	6/13/2006	Potassium	2 mg/l	1	E200.7			
00052312-004	Drinking W	5/20/2006 16:55	5/20/2006	6/13/2006	Sulfate	22 mg/l	1	E200.0			
00052312-004	Drinking W	5/20/2006 16:55	5/20/2006	6/13/2006	Chloride	2 mg/l	1	E200.0			
00052312-004	Drinking W	5/20/2006 16:55	5/20/2006	6/13/2006	Iron	7.65 mg/l	0.05	E200.7			

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceivedDate	Analyte	TRResult	Method	Results	Unit	Method
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Solids, Total Dissolved - Calculated	408 mg/L	1 A1080F			
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Carbamate as CO3	18 mg/L	4 A2320 B			
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Sodium	140 mg/L	1 E200.7			
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Conductivity	546 umhos/cm	1 A2310 B			
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Nitrogen, Nitrate+Nitrite as N					
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Hardness as CaCO3					
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Bicarbonate as HCO3					
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Magnesium					
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Potassium					
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Iron					
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	pH					
B06052312-004	Drinking W	5/26/2006 16:55	5/26/2006	Chloride					
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Alkalinity, Total as CaCO3	218 mg/L	4 A2320 B			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Carbonate as CO3	265 mg/L	4 A2320 B			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Calcium	39 mg/L	1 E200.7			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Conductivity	275 mg/L	1 A1080F			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Nitrogen, Nitrate+Nitrite as N	479 umhos/cm	1 A2310 B			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Sulfate	27 mg/L	1 E200.0			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	pH	5 mg/L	1 E200.0			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Iron	7.7 s.u.	0.1 E156.1			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Nitrogen, Nitrate+Nitrite as N	1.97 mg/L	0.05 E153.2			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Hardness as CaCO3	149 mg/L	1 A2340 B			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Magnesium	11 mg/L	1 E200.7			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Potassium					
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Sodium					
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Chloride	46 mg/L	1 E200.7			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	pH	8.1 s.u.	0.1 E156.1			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Carbonate as CO3	30 mg/L	1 E200.7			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Alkalinity, Total as CaCO3	113 mg/L	0.05 E153.2			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Conductivity	9 mg/L	1 E200.7			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Bicarbonate as HCO3	231 mg/L	1 A1080F			
B06052312-002	Drinking W	5/26/2006 16:20	5/26/2006	Solids, Total Dissolved - Calculated	44 mg/L	1 E200.7			
B06052312-003	Drinking W	5/26/2006 16:20	5/26/2006	Sulfate	0.24 mg/L	0.05 E153.2			
B06052312-003	Drinking W	5/26/2006 16:20	5/26/2006	Nitrogen, Nitrate+Nitrite as N					
B06052312-003	Drinking W	5/26/2006 16:20	5/26/2006	Chloride	1 mg/L	1 E200.0			
B06052312-003	Drinking W	5/26/2006 16:20	5/26/2006	Sulfate	23 mg/L	1 E200.0			
B06052312-003	Drinking W	5/26/2006 16:20	5/26/2006	Alkalinity, Total as CaCO3	183 mg/L	4 A2320 B			
B06052312-003	Drinking W	5/26/2006 16:20	5/26/2006	Conductivity	389 umhos/cm	1 A2310 B			
B06052312-003	Drinking W	5/26/2006 16:20	5/26/2006	Bicarbonate as HCO3	223 mg/L	4 A2320 B			
B06052312-003	Drinking W	5/26/2006 16:20	5/26/2006	Hardness as CaCO3	8 mg/L	1 A2340 B			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Nitrogen, Nitrate+Nitrite as N					
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Chloride	0.05 E153.2	0.05 E153.2			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Iron	3 mg/L	1 E200.7			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Magnesium	9 mg/L	4 A2320 B			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Potassium	233 mg/L	4 A2320 B			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Sodium	307 mg/L	1 A1080F			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Chloride	9.8 s.u.	0.1 E158.1			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	pH	51 mg/L	1 E200.0			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Sulfate	113 mg/L	1 E200.7			
B06052312-029	Drinking W	5/26/2006 20:45	5/26/2006	Iron	0.05 E153.2	0.05 E153.2			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Nitrogen, Nitrate+Nitrite as N					
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Chloride	206 mg/L	4 A2320 B			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Iron	9 mg/L	1 E200.0			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Magnesium	508 umhos/cm	1 A2310 B			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Potassium	0.29 mg/L	0.05 E153.2			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Sodium	206 mg/L	4 A2320 B			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Chloride	9 mg/L	1 E200.0			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Iron	5.08 umhos/cm	1 A2310 B			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Nitrogen, Nitrate+Nitrite as N	0.55 mg/L	0.05 E153.2			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Chloride	7.7 s.u.	0.1 E156.1			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Iron	32 mg/L	1 E200.7			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Magnesium	109 mg/L	1 A2340 B			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Potassium	8 mg/L	1 E200.7			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Sodium	0.05 E153.2	0.05 E153.2			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Chloride	31 mg/L	1 E200.7			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Iron	257 mg/L	4 A2320 B			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Magnesium	129 mg/L	4 A2320 B			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Potassium	270 umhos/cm	1 A2310 B			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Sodium	2 mg/L	1 E200.0			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	Chloride	2 mg/L	1 E200.0			
B06052312-010	Drinking W	5/26/2006 20:45	5/26/2006	pH	9.1 s.u.	0.1 E156.1			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Sulfate	18 mg/L	1 E200.0			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Chloride	105 mg/L	1 E200.7			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Iron	0.14 mg/L	0.05 E153.2			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Magnesium	17 mg/L	4 A2320 B			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Carbonate as CO3	223 mg/L	4 A2320 B			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Bicarbonate as HCO3	212 mg/L	4 A2320 B			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Alkalinity, Total as CaCO3	268 mg/L	1 A1080F			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Conductivity	2 mg/L	1 E200.7			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Sulfate	0.05 E153.2	0.05 E153.2			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Chloride	9 mg/L	1 E200.7			
B06052312-013	Drinking W	5/26/2006 27:00	5/26/2006	Iron	0.05 E153.2	0.05 E153.2			
B06052312-007	Drinking W	5/26/2006 39:45	5/26/2006	Iron	mg/L	1 E200.7			
B06052312-007	Drinking W	5/26/2006 39:45	5/26/2006	Magnesium	mg/L	0.05 E153.2			
B06052312-007	Drinking W	5/26/2006 39:45	5/26/2006	Potassium	mg/L	1 E200.7			
B06052312-007	Drinking W	5/26/2006 39:45	5/26/2006	Sodium	mg/L	1 E200.7			
B06052312-007	Drinking W	5/26/2006 39:45	5/26/2006	Chloride	mg/L	1 E200.7			
B06052312-007	Drinking W	5/26/2006 39:45	5/26/2006	pH	8.2 s.u.	0.1 E156.1			

Horse Creek CGWA Water Quality Data

LotSampled	Method	CollectionDate	ReceiveDate	ReportDate	Analyte	TTlimit	Nitrate	Rank	Minut	Method		
A060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate	137 mg/L	1	E200.7				
A060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Carbamato as HC03	271 mg/L	4	A2320 B				
B060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Nitrogen, Nitrate-Nitrite as N	0.8 mg/L	0.05	E353.2				
C060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	3 mg/L	1	E300.0				
D060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	31 mg/L	1	E300.0				
E060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	9 mg/L	1	A2340 B				
F060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Hardness as CaCO3	300 mg/L	1	A1030F				
G060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Alkalinity, Total as CaCO3	325 mg/L	4	A2330 B				
H060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Potassium	2 mg/L	1	E200.7				
I060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Conductivity	633 umhos/cm	1	A2310 B				
J060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Carbonate as CO3	mg/L	4	A2320 B				
K060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate Adorption Ratio (SAR)	284 mg/L	4	A2320 B				
L060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Alkalinity, Total as CaCO3	1.6 umhos	0.01	Calculation				
M060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Hardness as CaCO3	232 mg/L	4	A2320 B				
N060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	207 mg/L	1	A2340 B				
O060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Hardness as CO3	53 mg/L	1	E200.7				
P060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate	21 mg/L	1	E200.7				
Q060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	0.45 mg/L	0.09	E200.7				
R060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	48 mg/L	1	E200.7				
S060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	74 mg/L	1	E300.0				
T060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	6 mg/L	1	E300.0				
U060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Hardness as CaCO3	365 mg/L	1	A1030F				
V060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate, Total Dissolved - Calculated	0.15 mg/L	0.05	E353.2				
W060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Nitrogen, Nitrate-Nitrite as N	0.15 mg/L	0.05	E353.2				
X060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	7.5 s.u.	0.1	E150.1				
Y060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Carbonate as HC03	287 mg/L	4	A2320 B				
Z060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Conductivity	372 umhos/cm	1	A2310 B				
A060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Hardness as CaCO3	7 mg/L	2	A2340 B				
B060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate Adorption Ratio (SAR)	10 mg/L	4	A2320 B				
C060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Alkalinity, Total as CaCO3	8.7 s.u.	0.1	E150.1				
D060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Hardness as CO3	49 mg/L	1	E300.0				
E060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	pH	2 mg/L	1	E300.0				
F060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate	12.7 umhos	0.01	Calculation				
G060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Potassium	1.04 mg/L	0.05	E353.2				
H060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Alkalinity, Total as CaCO3	235 mg/L	4	A2320 B				
I060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate	135 mg/L	1	E200.7				
J060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	ND	mg/L	1	E200.7			
K060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	ND	mg/L	1	E200.7			
L060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate, Total Dissolved - Calculated	339 mg/L	1	A1030F				
M060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	ND	mg/L	0.03	E200.7			
N060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	2 mg/L	1	E300.0				
O060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	2 mg/L	1	E200.7				
P060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Carbonate as CO3	14 mg/L	4	A2320 B				
Q060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate, Total Dissolved - Calculated	292 mg/L	1	A1030F				
R060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	284 mg/L	4	A2320 B				
S060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	pH	9 s.u.	0.1	E150.1				
T060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate Adorption Ratio (SAR)	29.6 umhos	0.01	Calculation				
U060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	121 mg/L	1	E200.7				
V060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Hardness as CaCO3	214 mg/L	4	A2320 B				
W060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	3 mg/L	1	A2340 B				
X060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Carbonate as CO3	14 mg/L	4	A2320 B				
Y060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	ND	mg/L	0.05	E353.2			
Z060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	ND	mg/L	1	E200.7			
A060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	ND	mg/L	0.05	E353.2			
B060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	ND	mg/L	1	E200.7			
C060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	ND	mg/L	411 umhos/cm	1	A2310 B		
D060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Conductivity	8 mg/L	1	E200.7				
E060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	0.14 mg/L	0.03	E200.7				
F060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	24 mg/L	2	E200.7				
G060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	24 mg/L	2	E200.7				
H060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	496 umhos/cm	1	A2310 B				
I060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	ND	mg/L	1	E200.7			
J060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	pH	8.1 s.u.	0.1	E150.1				
K060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Conductivity	411 umhos/cm	1	A2310 B				
L060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	8 mg/L	1	E200.7				
M060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	0.14 mg/L	0.03	E200.7				
N060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	24 mg/L	2	E200.7				
O060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	24.45 umhos/cm	1	A2310 B				
P060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	3.37 mg/L	0.03	E200.7				
Q060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	2 mg/L	1	E300.0				
R060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	6.47 mg/L	0.05	E353.2				
S060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate Adorption Ratio (SAR)	1.77 umhos	0.01	Calculation				
T060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Sulfate, Total Dissolved - Calculated	264 mg/L	1	A1030F				
U060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Conductivity	ND	mg/L	4	A2320 B			
V060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Magnesium	12 mg/L	1	E200.7				
W060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Iron	241 mg/L	4	A2320 B				
X060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	33 mg/L	1	E200.7				
Y060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Potassium	2 mg/L	1	E200.7				
Z060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chlorite	153 mg/L	4	A2320 B				
A060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Hardness as CaCO3	113 mg/L	1	A2340 B				
B060245213-067	Drinking W	5/27/2006 12:45	5/27/2006	5/27/2006	Chloride	32 mg/L	1	E200.7				

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	RUnits	RLimit	Method
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Alkalinity, Total as CaCO ₃	ND	126 mg/L	4 A2220 B		
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Carbonate as CO ₃		mg/L		4 A2220 B	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Chloride		2 mg/L		1 E300.0	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Nitrogen, Nitrate+Nitrite as N		0.42 mg/L		0.05 E353.2	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Sulfate		11 mg/L		1 E300.0	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Total Dissolved - Calculated		168 mg/L		1 A1330F	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Sodium Adsorption Ratio [SAR]		0.5 unities		0.01 Calculation	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Sodium		32 mg/L		1 E200.7	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Potassium		1 mg/L		1 E200.7	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Magnesium		8 mg/L		1 E200.7	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	pH		7.5 s.u.		0.1 E150.1	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Conductivity		277 umhos/cm		1 A2210 B	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Iron		2.43 mg/L		0.88 E300.7	
B06032455-012	Drinking W	8/27/2006 15:25	8/28/2006	8/16/2006	Iron		2.04 mg/L		0.88 E300.7	
B06032455-016	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Nitrogen, Nitrate+Nitrite as N		0.19 mg/L		0.05 E353.2	
B06032455-016	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Sulfate		16 mg/L		1 E300.0	
B06032455-016	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	pH		8.2 s.u.		0.1 E150.1	
B06032455-016	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Conductivity		440 umhos/cm		1 A2210 B	
B06032455-016	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Chloride		3 mg/L		1 E300.0	
B06032455-016	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Carbonate as CO ₃		mg/L		4 A2220 B	
B06032455-016	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Solids, Total Dissolved - Calculated	ND	260 mg/L		1 A1330F	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Calcium		44 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Magnesium		11 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Potassium		210 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Sodium Adsorption Ratio [SAR]		1 mg/L		1 E300.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Sodium		125 unities		0.01 Calculation	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Hardness as CaCO ₃		36 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Hardness as CaCO ₃		156 mg/L		1 A2240 B	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Marbonate as HCO ₃		256 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Iron		mg/L		0.88 E300.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Iron		0.88 mg/L		0.88 E300.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Carbonate as CO ₃		0.5 mg/L		0.05 E353.2	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Nitrogen, Nitrate+Nitrite as N		199 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Bicarbonate as HCO ₃		163 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Alkalinity, Total as CaCO ₃		107 mg/L		1 A2340 B	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Hardness as CaCO ₃		29 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Calcium		1 mg/L		1 E300.0	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Sulfate		28 mg/L		1 E300.0	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	pH		8 s.u.		0.1 E150.1	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Potassium		219 mg/L		1 A1330F	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Solids, Total Dissolved - Calculated	ND	1.64 unities		0.01 Calculation	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Chloride		9 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Magnesium		385 umhos/cm		1 A2210 B	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Conductivity		39 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 5:40	8/29/2006	8/16/2006	Sodium		mg/L		0.05 E353.2	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Nitrogen, Nitrate+Nitrite as N	ND	358 mg/L		1 A1330F	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Solids, Total Dissolved - Calculated		12 mg/L		1 E300.0	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Chloride		7 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Carbonate as CO ₃		129 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Sulfate		31 mg/L		1 E300.0	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Iron		0.04 mg/L		0.03 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Calcium		11 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Magnesium		2 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Potassium		270 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Alkalinity, Total as CaCO ₃		624 umhos/cm		1 A2210 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	pH		0.4 s.u.		0.1 E150.1	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Bicarbonate as HCO ₃		316 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Sodium Adsorption Ratio [SAR]		9.62 unities		0.01 Calculation	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Hardness as CaCO ₃		34 mg/L		1 A2240 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Iron		19 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Potassium		23 mg/L		1 E300.0	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Solids		2 mg/L		1 E300.0	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Chloride		2 mg/L		1 E300.0	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Conductivity		547 umhos/cm		1 A2210 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	pH		0.6 s.u.		0.05 E353.2	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Potassium		mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Alkalinity, Total as CaCO ₃		270 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Hardness as CaCO ₃		329 mg/L		1 A2220 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Calcium		2 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Sodium		129 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Iron		0.7 mg/L		0.03 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Magnesium		11 mg/L		1 E300.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Potassium		1.62 unities		0.01 Calculation	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Solids, Total Dissolved - Calculated		mg/L		0.03 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Chloride		39 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Conductivity		481 umhos/cm		1 A2210 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	pH		45 mg/L		1 E200.7	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Sodium		144 mg/L		1 A2240 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Sulfate		27 mg/L		1 E300.0	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Iron		212 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Solids		268 mg/L		1 A1330F	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	Chloride		258 mg/L		4 A2220 B	
B06032455-018	Drinking W	8/28/2006 11:14	8/29/2006	8/16/2006	pH		7.5 s.u.		0.1 E150.1	
B06032455-007	Drinking W	8/28/2006 12:58	8/29/2006	8/16/2006	Conductivity		4 mg/L		1 E300.0	
B06032455-007	Drinking W	8/28/2006 12:58	8/29/2006	8/16/2006	Iron		1 mg/L		0.03 E200.7	
B06032455-007	Drinking W	8/28/2006 12:58	8/29/2006	8/16/2006	Magnesium		2 mg/L		1 E200.7	
B06032455-007	Drinking W	8/28/2006 12:58	8/29/2006	8/16/2006	Potassium		1 mg/L		0.03 E200.7	
B06032455-007	Drinking W	8/28/2006 12:58	8/29/2006	8/16/2006	Calcium		39 mg/L		1 E200.7	
B06032455-007	Drinking W	8/28/2006 12:58	8/29/2006	8/16/2006	Sodium		481 mg/L		1 A2210 B	
B06032455-007	Drinking W	8/28/2006 12:58	8/29/2006	8/16/2006	Iron		45 mg/L		1 E20	

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	Result	Method
			Date	Analyst
00002455-007	Drinking W	4/27/2006 12:19	9/14/2006 Nitrogen, Nitrate+Nitrite as N	0.65 E233.2
00002455-008	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	1.76 mg/l 4 A2230.8
00002455-009	Drinking W	4/27/2006 12:19	9/14/2006 Chloride as Cl	234 mg/l 4 A2230.8
00002455-010	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	mg/l 4 A2230.8
00002455-011	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	ND 227 mg/l 1 A1030F
00002455-012	Drinking W	4/27/2006 12:19	9/14/2006 Calcium	28 mg/l 1 E200.7
00002455-013	Drinking W	4/27/2006 12:19	9/14/2006 Iron	ND mg/l 0.09 E200.7
00002455-014	Drinking W	4/27/2006 12:19	9/14/2006 Magnesium	9 mg/l 1 E200.7
00002455-015	Drinking W	4/27/2006 12:19	9/14/2006 Potassium	ND mg/l 1 E200.7
00002455-016	Drinking W	4/27/2006 12:19	9/14/2006 Sodium	45 mg/l 1 E200.7
00002455-017	Drinking W	4/27/2006 12:19	9/14/2006 Hardness as CaCO3	106 mg/l 1 A2240.8
00002455-018	Drinking W	4/27/2006 12:19	9/14/2006 Nitrogen, Nitrate+Nitrite as N	0.2 mg/l 0.05 E233.2
00002455-019	Drinking W	4/27/2006 12:19	9/14/2006 Solids	25 mg/l 1 E200.7
00002455-020	Drinking W	4/27/2006 12:19	9/14/2006 Sodium Adsorption Ratio (SAR)	1.9 umoles/cm 0.01 Calculation
00002455-021	Drinking W	4/27/2006 12:19	9/14/2006 pH	8 s.u. 0.1 E150.1
00002455-022	Drinking W	4/27/2006 12:19	9/14/2006 Chloride	2 mg/l 1 E200.7
00002455-023	Drinking W	4/27/2006 12:19	9/14/2006 Conductivity	397 umhos/cm 1 A2210.8
00002455-024	Drinking W	4/27/2006 12:19	9/14/2006 Nitrogen, Nitrate+Nitrite as N	0.21 mg/l 0.05 E233.2
00002455-025	Drinking W	4/27/2006 12:19	9/14/2006 Magnesium	9 mg/l 1 E200.7
00002455-026	Drinking W	4/27/2006 12:19	9/14/2006 Hardness as CaCO3	129 mg/l 1 A2240.8
00002455-027	Drinking W	4/27/2006 12:19	9/14/2006 Iron	ND mg/l 0.05 E200.7
00002455-028	Drinking W	4/27/2006 12:19	9/14/2006 Magnesium	mg/l 4 A2230.8
00002455-029	Drinking W	4/27/2006 12:19	9/14/2006 Calcium	34 mg/l 1 E200.7
00002455-030	Drinking W	4/27/2006 12:19	9/14/2006 Sodium Adsorption Ratio (SAR)	1.14 umoles/cm 0.01 Calculation
00002455-031	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	146 mg/l 4 A2230.8
00002455-032	Drinking W	4/27/2006 12:19	9/14/2006 Sodium	29 mg/l 1 E200.7
00002455-033	Drinking W	4/27/2006 12:19	9/14/2006 Potassium	ND mg/l 1 E200.7
00002455-034	Drinking W	4/27/2006 12:19	9/14/2006 pH	7.8 s.u. 0.1 E150.1
00002455-035	Drinking W	4/27/2006 12:19	9/14/2006 Conductivity	360 umhos/cm 1 A2210.8
00002455-036	Drinking W	4/27/2006 12:19	9/14/2006 Hardness as CO3	178 mg/l 4 A2230.8
00002455-037	Drinking W	4/27/2006 12:19	9/14/2006 Solids	32 mg/l 1 E200.7
00002455-038	Drinking W	4/27/2006 12:19	9/14/2006 Chloride	1 mg/l 1 E200.7
00002455-039	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	207 mg/l 1 A1030F
00002455-040	Drinking W	4/27/2006 12:19	9/14/2006 Calcium	23 mg/l 1 E200.7
00002455-041	Drinking W	4/27/2006 12:19	9/14/2006 Hardness as CaCO3	98 mg/l 1 A2240.8
00002455-042	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	145 mg/l 4 A2230.8
00002455-043	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	177 mg/l 4 A2230.8
00002455-044	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	mg/l 4 A2230.8
00002455-045	Drinking W	4/27/2006 12:19	9/14/2006 Sodium Adsorption Ratio (SAR)	ND 1.31 umoles/cm 0.01 Calculation
00002455-046	Drinking W	4/27/2006 12:19	9/14/2006 Iron	0.39 mg/l 0.03 E200.7
00002455-047	Drinking W	4/27/2006 12:19	9/14/2006 Conductivity	326 umhos/cm 1 A2210.8
00002455-048	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	175 mg/l 1 A1030F
00002455-049	Drinking W	4/27/2006 12:19	9/14/2006 Calcium	8 s.u. 0.1 E150.1
00002455-050	Drinking W	4/27/2006 12:19	9/14/2006 Hardness as CaCO3	mg/l 0.05 E233.2
00002455-051	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	145 mg/l 4 A2230.8
00002455-052	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	177 mg/l 4 A2230.8
00002455-053	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	mg/l 4 A2230.8
00002455-054	Drinking W	4/27/2006 12:19	9/14/2006 Sodium Adsorption Ratio (SAR)	ND 1.31 umoles/cm 0.01 Calculation
00002455-055	Drinking W	4/27/2006 12:19	9/14/2006 Iron	0.39 mg/l 0.03 E200.7
00002455-056	Drinking W	4/27/2006 12:19	9/14/2006 Conductivity	326 umhos/cm 1 A2210.8
00002455-057	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	175 mg/l 1 A1030F
00002455-058	Drinking W	4/27/2006 12:19	9/14/2006 pH	8 s.u. 0.1 E150.1
00002455-059	Drinking W	4/27/2006 12:19	9/14/2006 Nitrogen, Nitrate+Nitrite as N	0.05 mg/l 0.05 E233.2
00002455-060	Drinking W	4/27/2006 12:19	9/14/2006 Magnesium	ND 10 mg/l 1 E200.7
00002455-061	Drinking W	4/27/2006 12:19	9/14/2006 Potassium	ND 20 mg/l 1 E200.7
00002455-062	Drinking W	4/27/2006 12:19	9/14/2006 Solids	ND mg/l 1 E200.7
00002455-063	Drinking W	4/27/2006 12:19	9/14/2006 Chloride	ND mg/l 1 E200.7
00002455-064	Drinking W	4/27/2006 12:19	9/14/2006 Conductivity	30 mg/l 0.05 E233.2
00002455-065	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	ND 9 mg/l 1 A2240.8
00002455-066	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	299 mg/l 1 A1030F
00002455-067	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	300 mg/l 4 A2230.8
00002455-068	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	223 mg/l 4 A2230.8
00002455-069	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	2 mg/l 1 E200.7
00002455-070	Drinking W	4/27/2006 12:19	9/14/2006 Sodium Adsorption Ratio (SAR)	18.4 umoles/cm 0.01 Calculation
00002455-071	Drinking W	4/27/2006 12:19	9/14/2006 pH	8.8 s.u. 0.1 E150.1
00002455-072	Drinking W	4/27/2006 12:19	9/14/2006 Hardness as CaCO3	7 mg/l 1 A2240.8
00002455-073	Drinking W	4/27/2006 12:19	9/14/2006 Iron	0.59 mg/l 0.05 E200.7
00002455-074	Drinking W	4/27/2006 12:19	9/14/2006 Magnesium	ND mg/l 1 E200.7
00002455-075	Drinking W	4/27/2006 12:19	9/14/2006 Potassium	ND mg/l 1 E200.7
00002455-076	Drinking W	4/27/2006 12:19	9/14/2006 Solids	ND mg/l 1 E200.7
00002455-077	Drinking W	4/27/2006 12:19	9/14/2006 Chloride	ND mg/l 1 E200.7
00002455-078	Drinking W	4/27/2006 12:19	9/14/2006 Conductivity	520 umhos/cm 1 A2210.8
00002455-079	Drinking W	4/27/2006 12:19	9/14/2006 Solids	44 mg/l 1 E200.7
00002455-080	Drinking W	4/27/2006 12:19	9/14/2006 Nitrogen, Nitrate+Nitrite as N	204 mg/l 4 A2230.8
00002455-081	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	106 mg/l 1 E200.7
00002455-082	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	263 mg/l 1 A1030F
00002455-083	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	27.6 umoles/cm 0.01 Calculation
00002455-084	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	2 mg/l 1 E200.7
00002455-085	Drinking W	4/27/2006 12:19	9/14/2006 Chloride	ND mg/l 1 E200.7
00002455-086	Drinking W	4/27/2006 12:19	9/14/2006 Conductivity	44 mg/l 1 E200.7
00002455-087	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	204 mg/l 4 A2230.8
00002455-088	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	106 mg/l 1 E200.7
00002455-089	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	263 mg/l 1 A1030F
00002455-090	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	27.6 umoles/cm 0.01 Calculation
00002455-091	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	2 mg/l 1 E200.7
00002455-092	Drinking W	4/27/2006 12:19	9/14/2006 Chloride	ND mg/l 1 E200.7
00002455-093	Drinking W	4/27/2006 12:19	9/14/2006 Conductivity	44 mg/l 0.05 E233.2
00002455-094	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	ND 18 mg/l 4 A2230.8
00002455-095	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	222 mg/l 4 A2230.8
00002455-096	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	19 mg/l 1 E200.7
00002455-097	Drinking W	4/27/2006 12:19	9/14/2006 Solids, Total Dissolved - Calculated	451 umhos/cm 1 A2210.8
00002455-098	Drinking W	4/27/2006 12:19	9/14/2006 Carbonate as CO3	301 mg/l 1 A1030F
00002455-099	Drinking W	4/27/2006 12:19	9/14/2006 Alkalinity, Total as CaCO3	502 umhos/cm 1 A2210.8
00002455-100	Drinking W	4/27/2006 12:19	9/14/2006 Chloride	4 mg/l 1 E200.7
00002455-101	Drinking W	4/27/2006 12:19	9/14/2006 Magnesium	ND mg/l 1 E200.7
00002455-102	Drinking W	4/27/2006 12:19	9/14/2006 Potassium	ND mg/l 1 E200.7
00002455-103	Drinking W	4/27/2006 12:19	9/14/2006 Solids	ND mg/l 1 E200.7
00002455-104	Drinking W	4/27/2006 12:19	9/14/2006 pH	8 s.u. 0.1 E150.1
00002455-105	Drinking W	4/27/2006 12:19	9/14/2006 Calcium	2 mg/l 1 E200.7
00002455-106	Drinking W	4/27/2006 12:19	9/14/2006 Nitrogen, Nitrate+Nitrite as N	0.2 mg/l 0.05 E233.2
00002455-107	Drinking W	4/27/2006 12:23	9/14/2006 Potassium	ND mg/l 1 E200.7
00002455-108	Drinking W	4/27/2006 12:23	9/14/2006 Sodium	120 mg/l 1 E200.7
00002455-109	Drinking W	4/27/2006 12:23	9/14/2006 Hardness as CaCO3	6 mg/l 1 A2240.8

Horse Creek CGWA Water Quality Data

Location/ID	Method	Collection Date	Received Date	Report Date	Analyte	Result	Method	Run#	Unit	Method
000113545-019	Drinking W	8/27/2006 14:23	9/27/2006	9/14/2006	Sodium Adsorption Ratio (SAR)	20.5	0.01 Calculation			
000113545-019	Drinking W	8/27/2006 14:23	9/27/2006	9/14/2006	Sulfate	32 mg/L	1 E000.0			
000113545-019	Drinking W	8/27/2006 14:23	9/27/2006	9/14/2006	Alkalinity, Total as CaCO ₃	217 mg/L	4 A2320 B			
000113545-019	Drinking W	8/27/2006 14:23	9/27/2006	9/14/2006	Bicarbonate as HCO ₃	264 mg/L	4 A2320 B			
000113545-019	Drinking W	8/27/2006 14:23	9/27/2006	9/14/2006	Carbonate as CO ₃	mg/L	4 A2320 B			
000113545-019	Drinking W	8/27/2006 14:23	9/27/2006	9/14/2006	Iron	0.04 mg/L	0.03 E208.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Iron	0.08 mg/L	0.03 E208.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Chloride	2 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Salts, Total Dissolved - Calculated	156 mg/L	1 A100F			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Nitrate+Nitrite as N	39 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	0.82 mg/L	0.05 E203.2			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Conductivity	269 umhos/cm	1 A2310 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Hardness as CaCO ₃	115 mg/L	1 A2340 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sodium	32 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Potassium	mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Magnesium	8 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Calcium	33 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Bicarbonate as HCO ₃	142 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	pH	7.5 s.u.	0.1 E150.1			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃	117 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Bicarbonate as HCO ₃	206 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sulfate	39 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Carbamate as CO ₃	0.25 mg/L	0.05 E203.2			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	0.76 mg/L	0.03 E200.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Hardness as CaCO ₃	120 mg/L	1 A2340 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Solids, Total Dissolved - Calculated	228 mg/L	1 A100F			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sulfate	34 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Conductivity	1.55 umhos/cm	0.01 Calculation			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃	168 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Hardness as CaCO ₃	168 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Carbamate as CO ₃	ND	mg/L	4 A2320 B		
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Conductivity	392 umhos/cm	1 A2310 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Magnesium	9 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	pH	8 s.u.	0.1 E150.1			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Chloride	2 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Potassium	1 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Calcium	34 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sulfate	24 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Iron	ND	mg/L	0.03 E200.7		
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Potassium	2 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Magnesium	32 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	pH	7.6 s.u.	0.1 E150.1			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Solids	56 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Hardness as CaCO ₃	229 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Chloride	3 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Potassium	46 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Calcium	279 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sulfate	306 umhos/cm	1 A2310 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Hardness as CaCO ₃	289 mg/L	1 A100F			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	0.58 mg/L	0.05 E203.2			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Bicarbonate as CO ₃	168 mg/L	1 A2340 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Conductivity	mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Carbamate as CO ₃	174 umhos/cm	0.01 Calculation			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Potassium	1 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sulfate	51 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Iron	12 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Magnesium	163 mg/L	1 A2340 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Hardness as CaCO ₃	233 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	284 mg/L	1 A100F			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Bicarbonate as CO ₃	285 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Conductivity	374 umhos/cm	0.01 Calculation			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Carbamate as CO ₃	1 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Potassium	51 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sulfate	20 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Iron	0.07 mg/L	0.03 E200.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃	233 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Nitrate+Nitrite as N	284 mg/L	1 A100F			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Bicarbonate as CO ₃	285 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Conductivity	374 umhos/cm	0.01 Calculation			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Carbamate as CO ₃	1 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Potassium	51 mg/L	1 E000.7			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sulfate	20 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Iron	0.15 mg/L	0.03 E203.2			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Conductivity	5 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Carbamate as CO ₃	659 umhos/cm	1 A2310 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Sulfate	71 mg/L	1 E000.0			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃	232 mg/L	4 A2320 B			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Nitrate+Nitrite as N	7.5 s.u.	0.1 E150.1			
000113545-019	Drinking W	11/19/2006 14:26	12/2/2006	12/1/2006	Conductivity	49 mg/L	1 E000.7			

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	RunBatch	ReportDate	State Analyte	THROut	Method	Results	Unit	Blank	Method
B061151517-001	Drinking W	11/19/2006 9:40	12/2/2006	12/1/2006	Iron	ND	0.09	E200.7			
B061151517-002	Drinking W	11/19/2006 9:40	12/2/2006	12/1/2006	Magnesium			20 mg/l		1	E200.7
B061151517-003	Drinking W	11/19/2006 9:40	12/2/2006	12/1/2006	Potassium			2 mg/l		1	E200.7
B061151517-004	Drinking W	11/19/2006 9:40	12/2/2006	12/1/2006	Sodium			55 mg/l		1	E200.7
B061151517-005	Drinking W	11/19/2006 9:40	12/2/2006	12/1/2006	Hardness as CaCO ₃			205 mg/l		1	A2240.8
B061151517-006	Drinking W	11/19/2006 9:40	12/2/2006	12/1/2006	Solids, Total Dissolved - Calculated			352 mg/l		1	A1000.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Conductivity			581 umhos/cm		1	A2210.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃			233 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Sodium			132 mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Magnesium	ND		mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Iron	ND		mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Chloride			0.85		0.05	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N			0.74 mg/l		0.05	E200.2
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	pH			8.7 s.t.		0.1	E150.1
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Hardness as HCO ₃			266 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Solids, AdSORption Ratio (SAR)			21.3 umhos		0.01	Calculation
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Hardness as CaCO ₃			7 mg/l		1	A2240.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Solids, Total Dissolved - Calculated			332 mg/l		1	A1000F
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as CO ₂			44 mg/l		1	E300.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Chloride			2 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Magnesium			9 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Calcium			2 mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Chloride			8 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Sodium			13 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Potassium			134 mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Iron	ND		mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N	ND		0.06 mg/l		0.05	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Hardness as CaCO ₃			5 mg/l		0.05	E200.2
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Solids, Total Dissolved - Calculated			325 mg/l		1	A1000F
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Conductivity			572 umhos/cm		1	A2210.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as CO ₂			20 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	pH			8.9 s.t.		0.1	E200.1
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃			254 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as HCO ₃			270 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Magnesium	ND		mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Chloride			2 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Sodium			18 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Solids, Total Dissolved - Calculated			227 mg/l		1	A1000F
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Conductivity			7.8 s.t.		0.1	E150.1
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as CO ₂			26 mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	pH			0.04 mg/l		0.03	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃			178 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as HCO ₃			0.42 mg/l		0.05	E200.2
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Magnesium			51 mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Chloride			217 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Sodium			2.19 umhos		0.01	Calculation
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as CO ₂	ND		mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Conductivity			394 umhos/cm		1	A2250.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Hardness as CaCO ₃			101 mg/l		1	A2240.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃			178 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N			0.42 mg/l		0.05	E200.2
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Solids, Total Dissolved - Calculated			13 mg/l		0.05	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Conductivity			13 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as CO ₂	ND		mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Solids, Total Dissolved - Calculated			163 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Conductivity			288 mg/l		1	A1000F
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Hardness as CaCO ₃			2.15 umhos		0.01	Calculation
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Solids, AdSORption Ratio (SAR)			1 mg/l		0.03	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Potassium			0.43 mg/l		0.05	E200.2
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Nitrogen, Nitrate+Nitrite as N			90 mg/l		1	A2240.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Hardness as CaCO ₃			5 mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Sodium			13 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as CO ₂			163 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	pH			288 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃			391 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Conductivity			7.3 s.t.		0.1	E200.1
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Hardness as CaCO ₃			274 umhos/cm		1	A2210.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Magnesium			218 mg/l		1	A2240.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Chloride			4 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Sodium			10 mg/l		1	E200.0
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Carbamate as CO ₂			128 mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Alkalinity, Total as CaCO ₃			248 mg/l		4	A2220.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Potassium			14 mg/l		1	A2240.8
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Iron			1 mg/l		1	E200.7
B061151517-020	Drinking W	11/19/2006 10:00	12/2/2006	12/1/2006	Chloride			2 mg/l		1	E300.0

Horse Creek CGWA Water Quality Data

LabSampleID	Mobile	CollectionDate	Parameter	ReportDate	Analyte	THLimit	THResult	Rnltic	Rlimit	Method
B06115517-008	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	4 mg/l	1 E200.7				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Iron	4.95 mg/l	0.09 E200.7				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	541 umoles/cm	1 A2510 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Conductivity	291 mg/l	4 A2320 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Bicarbonate as HC03	8.5 s.e.	0.1 E156.1				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	pH	ND					
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Nitrogen	0 mg/l	1 E200.7				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Nitrogen, Nitrate+Nitrite as N	0 mg/l	0.05 E203.2				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Chloroform as COCl	6 mg/l	4 A2320 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	240 mg/l	1 A1800F				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Iron	7.0 s.e.	0.1 E156.1				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	2 mg/l	1 E200.7				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	15 mg/l	1 E200.0				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Sodium Adsorption Ratio (SAR)	0.67 umoles	0.01 Calculation				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	195 mg/l	4 A2320 B				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Bicarbonate as HC03	238 mg/l	4 A2320 B				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Carbone as CO2	mg/l					
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Conductivity	429 umoles/cm	1 A2510 B				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	233 mg/l	1 A1800F				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	26 mg/l	1 E200.7				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	34 mg/l	1 E200.7				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Chlorine	44 mg/l	1 E200.7				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Nitrogen, Nitrate+Nitrite as N	189 mg/l	1 A2340 B				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Iron	0.57 mg/l	0.05 E203.2				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Potassium	1 mg/l	1 E200.7				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	3 mg/l	1 E200.0				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	25 mg/l	1 E200.0				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	0.62 mg/l	0.05 E203.2				
B06115517-010	Drinking W	11/19/2006 15:00	12/12/2006	Conductivity	400 umoles/cm	1 A2510 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Iron	ND					
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	12 mg/l	1 E200.7				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Potassium	ND					
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Sodium	48 mg/l	1 E200.7				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	211 mg/l	4 A2320 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	257 mg/l	4 A2320 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	ND					
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Chloroform as COCl	273 mg/l	1 A1800F				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	155 mg/l	1 A2340 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	pH	7.5 s.e.	0.1 E156.2				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Calcium	43 mg/l	1 E200.7				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Bicarbonate as HC03	206 mg/l	4 A2320 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Iron	ND					
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	9 mg/l	0.05 E203.2				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Potassium	ND					
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Sodium	7.5 s.e.	0.1 E156.1				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	0.22 mg/l	0.05 E203.2				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	169 mg/l	1 A2340 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	1 mg/l	1 E200.0				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Chloroform as COCl	206 mg/l	4 A2320 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	169 mg/l	4 A2320 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Iron	ND					
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	16 mg/l	1 E200.7				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Potassium	ND					
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Sodium	7.5 s.e.	0.1 E156.1				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	0.22 mg/l	0.05 E203.2				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	223 mg/l	1 A2340 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	114 mg/l	1 A2340 B				
B06115517-009	Drinking W	11/19/2006 15:00	12/12/2006	Solids	23 mg/l	1 E200.0				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Iron	ND					
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	1 mg/l	1 E200.7				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Potassium	ND					
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Sodium	25 mg/l	1 E200.7				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	1 mg/l	1 E200.0				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	21 mg/l	1 E200.7				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	22 mg/l	1 E200.7				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloroform as COCl	1 mg/l	1 E200.7				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	306 umoles/cm	1 A2510 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Iron	225 mg/l	1 A1800F				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	114 mg/l	4 A2320 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	23 mg/l	1 E200.0				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	1 mg/l	1 E200.7				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloroform as COCl	26 mg/l	1 A1800F				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	267 mg/l	1 A1800F				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Iron	188 mg/l	4 A2320 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	0.32 mg/l	0.05 E203.2				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	344 mg/l	4 A2320 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	0.76 umoles	0.01 Calculation				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloroform as COCl	154 mg/l	4 A2320 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	222 mg/l	4 A2320 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Iron	8 mg/l	1 E200.7				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	33 mg/l	1 E200.0				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	0.79 mg/l	0.05 E203.2				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	195 mg/l	4 A2320 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	9 mg/l	1 A2340 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloroform as COCl	516 umoles/cm	1 A2510 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	311 mg/l	1 A1800F				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Iron	8.6 s.e.	0.1 E156.1				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloride	3 mg/l	1 E200.7				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Sulfate	116 mg/l	4 A2320 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Magnesium	163 mg/l	1 A1800F				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Chloroform as COCl	274 umoles/cm	1 A2510 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Solids, Total Dissolved - Calculated	123 mg/l	4 A2320 B				
B06115517-012	Drinking W	11/19/2006 15:00	12/12/2006	Iron	mg/l	1 E200.7				

Horse Creek CGWA Water Quality Data

LocationID	Method	CollectionDate	ReceivedDate	ReportDate	Analysis	Thickuit	Wheight	Units	Name	Method
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	pH	7.5	s.u.	0.1	E150.1	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Sulfate	9	mg/L	1	E300.0	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Chloride	2	mg/L	1	E300.0	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Calcium	36	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Magnesium	8	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Carbonate as CO3	ND	mg/L	4	A2320 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Sodium	12	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	0.85	mg/L	0.05	E353.2	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Bicarbonate as HCO3	144	mg/L	4	A2320 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Iron	ND	mg/L	0.08	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Sulfite, Total Dissolved - Calculated	149	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Alkalinity, Total as CaCO3	ND	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	pH	4	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Calcium	ND	mg/L	0.09	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Iron	ND	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Potassium	ND	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Hardness as CaCO3	10	mg/L	1	A2340 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	388	mg/L	1	A180F	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Magnesium	226	mg/L	4	A2320 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	pH	6.7	s.u.	0.1	E356.1	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Nitrogen, Nitrate+Nitrite as N	2.14	mg/L	0.05	E353.2	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Conductivity	661	umhos/cm	1	A2310 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Chloride	20	mg/L	1	E308.0	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Sulfate	255	mg/L	4	A2320 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Iron	10	mg/L	4	A2320 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Carbonate as CO3	58	mg/L	1	E308.0	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Sulfite, Total Dissolved - Calculated	60	mg/L	0.03	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Chlorine	10	mg/L	1	A2340 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Magnesium	8.8	mg/L	0.05	E353.2	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Alkalinity, Total as CaCO3	3	mg/L	1	E308.0	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Carbonate as HCO3	118	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Sodium	ND	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	pH	8	s.u.	0.1	E156.1	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Calcium	4	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Magnesium	ND	mg/L	1	E200.7	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Alkalinity, Total as CaCO3	210	mg/L	4	A2320 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Carbonate as HCO3	256	mg/L	4	A2320 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Magnesium	33	mg/L	1	E308.0	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Sodium	16	mg/L	0.01	Calculation	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Sulfite, Total Dissolved - Calculated	297	mg/L	1	A180F	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Carbonate as CO3	ND	mg/L	4	A2320 B	
0601115157-005	Drinking W	11/19/2006 18:00	11/27/2006	12/12/2006	Conductivity	503	umhos/cm	1	A2310 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Carbonate as CO3	ND	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	70	mg/L	1	E308.0	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Chloride	5	mg/L	1	E308.0	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Iron	0.11	mg/L	0.05	E353.2	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Magnesium	45	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Potassium	58	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfate	0.03	mg/L	0.03	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Iron	291	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Chlorine	7.5	s.u.	0.1	E156.1	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Conductivity	616	umhos/cm	1	A2310 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Hardness as CaCO3	201	mg/L	1	A2340 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Magnesium	22	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Potassium	2	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Alkalinity, Total as CaCO3	239	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite, Total Dissolved - Calculated	364	mg/L	1	A230F	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	ND	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Chloride	3	mg/L	1	E308.0	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	67	mg/L	1	E308.0	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Iron	0.53	mg/L	0.05	E353.2	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Magnesium	3	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Alkalinity, Total as CaCO3	367	mg/L	1	A1290F	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite, Total Dissolved - Calculated	230	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Carbonate as HCO3	265	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	603	umhos/cm	1	A2310 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Chloride	8	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	pH	6.5	s.u.	0.1	E156.1	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Carbonate as CO3	ND	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Alkalinity, Total as CaCO3	172	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	2	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Conductivity	383	umhos/cm	1	A2310 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Hardness as CaCO3	229	mg/L	1	A1290F	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	208	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Iron	21	mg/L	1	E308.0	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Potassium	2	mg/L	1	E308.0	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Chloride	93	mg/L	1	A2340 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	56	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Magnesium	8	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Alkalinity, Total as CaCO3	0.33	mg/L	0.05	E353.2	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	23	mg/L	1	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	pH	0.34	mg/L	0.05	E353.2	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Chloride	7.4	s.u.	0.1	E156.1	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Carbonate as HCO3	163	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Sulfite	199	mg/L	1	A2320 B	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Iron	14	mg/L	1	E308.0	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Potassium	ND	mg/L	0.05	E200.7	
0601213004-016	Aqueous	2/24/2007 9:25	2/26/2007	2/25/2007	Carbonate as CO3	ND	mg/L	1</td		

Horse Creek CGWA Water Quality Data

LabSampleID	Method	CollectionDate	ReactiveDate	ReportDate	Analysis	Thruput	Mineral	Results	Unit	Method
007021180-015	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Nitrogen, Nitrate-Nitrite as N	0.48 mg/L	0.05	E353.2		
007021180-015	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	pH	8 s.u.	0.1	E150.1		
007021180-015	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Hardness as CaCO ₃	93 mg/L	1	A2340.8		
007021180-015	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Solids, Total Dissolved - Calculated	204 mg/L	1	A1090F		
007021180-025	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Potassium	1 mg/L	1	E200.7		
007021180-025	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Conductivity	356 umhos/cm	1	A2510.8		
007021180-025	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Magnesium	6 mg/L	1	E200.7		
007021180-025	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Chloride	3 mg/L	1	E300.0		
007021180-025	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Calcium	26 mg/L	1	E200.7		
007021180-025	Aqueous	2/18/2007 11:25	2/25/2007	2/25/2007	Sodium	43 mg/L	1	E200.7		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	pH	7.6 s.u.	0.1	E150.1		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Potassium	1 mg/L	1	E200.7		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.86 mg/L	0.05	E353.2		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Conductivity	414 umhos/cm	1	A2510.8		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Sulfate	32 mg/L	1	E200.7		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Iron	0.14 mg/L	0.05	E200.7		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Magnesium	12 mg/L	1	E200.7		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Sodium	43 mg/L	1	E200.7		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Alkalinity, Total as CaCO ₃	188 mg/L	1	A2320.8		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Sulfite	20 mg/L	1	E300.0		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Hardness as CaCO ₃	128 mg/L	1	A2240.8		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Barbiturate as HCO ₃	227 mg/L	1	A2220.8		
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Carbonate as CO ₃	ND		mg/L	1	A2220.8
007021180-004	Aqueous	2/18/2007 11:08	2/25/2007	2/25/2007	Solids, Total Dissolved - Calculated	237 mg/L	1	A1880F		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Chloride	2 mg/L	1	E200.7		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	pH	7.3 s.u.	0.1	E150.1		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Conductivity	258 umhos/cm	1	A2220.8		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Carbamate as CO ₃	ND	mg/L	1	A2220.8	
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Sulfite	9 mg/L	1	E300.0		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Magnesium	8 mg/L	1	E200.7		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Iron	0.16 mg/L	0.05	E200.7		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Calcium	30 mg/L	1	E200.7		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Alkalinity, Total as CaCO ₃	113 mg/L	1	A2320.8		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Potassium	mg/L	1	E200.7		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Sulfate	138 mg/L	1	A2320.8		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Hardness as CaCO ₃	11 mg/L	1	E200.7		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Magnesium	2 mg/L	1	E300.0		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Iron	107 mg/L	1	A2240.8		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Sulfate	151 mg/L	1	A1690F		
007021180-012	Aqueous	2/18/2007 11:15	2/25/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	1.09 mg/L	0.05	E353.2		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Iron	0.56 mg/L	0.05	E200.7		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Potassium	2 mg/L	1	E200.7		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Chloride	32 mg/L	1	E200.7		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Sulfate	35 mg/L	1	E200.7		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Magnesium	9 mg/L	1	E200.7		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Conductivity	359 umhos/cm	1	A2510.8		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Hardness as CaCO ₃	2 mg/L	1	E300.0		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Iron	17 mg/L	1	E300.0		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Sulfite	212 mg/L	1	A1690F		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Alkalinity, Total as CaCO ₃	mg/L	1	A2220.8		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Carbonate as CO ₃	ND	mg/L	1	A2220.8	
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Sulfate	117 mg/L	1	A2240.8		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Hardness as CaCO ₃	199 mg/L	1	A2220.8		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Magnesium	163 mg/L	1	A2220.8		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Iron	0.27 mg/L	0.05	E353.2		
007021180-082	Aqueous	2/18/2007 17:30	2/25/2007	2/25/2007	Conductivity	7.7 s.u.	0.1	E150.1		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Barbiturate as HCO ₃	277 mg/L	1	A2220.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Sulfite	mg/L	1	A2220.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Alkalinity, Total as CaCO ₃	12 mg/L	1	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Magnesium	466 umhos/cm	1	A2510.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Conductivity	163 mg/L	1	A2240.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Hardness as CaCO ₃	24 mg/L	1	E300.0		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Sulfite	283 mg/L	1	A1690F		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Alkalinity, Total as CaCO ₃	227 mg/L	1	A2220.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Magnesium	3 mg/L	1	E300.0		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Iron	7.6 s.u.	0.1	E150.1		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	pH	mg/L	0.05	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Potassium	1 mg/L	1	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Sulfate	48 mg/L	1	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Conductivity	0.28 mg/L	0.05	E353.2		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Carbamate as CO ₃	45 mg/L	1	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Hardness as CaCO ₃	107 mg/L	1	A2240.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Magnesium	0.08 mg/L	0.05	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Iron	27 mg/L	1	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Sulfate	39 mg/L	1	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Conductivity	34 mg/L	1	E300.0		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Hardness as CaCO ₃	1 mg/L	1	E300.0		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Magnesium	151 mg/L	1	A2220.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Iron	184 mg/L	1	A2220.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Conductivity	ND	mg/L	1	A2220.8	
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Hardness as CaCO ₃	1.05 mg/L	0.05	E353.2		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Magnesium	7.8 s.u.	0.1	E150.1		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Iron	35 mg/L	1	E200.7		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Sulfate	204 mg/L	1	A1690F		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Conductivity	356 umhos/cm	1	A2510.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Carbamate as CO ₃	277 mg/L	1	A2220.8		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Hardness as CaCO ₃	2 mg/L	1	E300.0		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Magnesium	0.45 mg/L	0.05	E353.2		
007021180-019	Aqueous	2/18/2007 11:05	2/25/2007	2/25/2007	Iron	24 mg/L	1	E300.0		
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Horse Creek CGWA Water Quality Data

LocationID	Matrix	CollectionDate	ReceivedDate	ReportDate	Analyte	Result	Method
007021209-010	Aqueous	2/18/2007 10:20	2/20/2007	2/21/2007	Potassium	2 mg/L	E200.7
007021209-010	Aqueous	2/18/2007 10:20	2/20/2007	2/21/2007	Magnesium	13 mg/L	E200.7
007021209-010	Aqueous	2/18/2007 10:20	2/20/2007	2/21/2007	Irons	0.04 mg/L	0.03 E200.7
007021209-010	Aqueous	2/18/2007 10:20	2/20/2007	2/21/2007	Calcium	42 mg/L	E200.7
007021209-010	Aqueous	2/18/2007 10:20	2/20/2007	2/21/2007	Alkalinity, Total as CaCO ₃	227 mg/L	A232B
007021209-010	Aqueous	2/18/2007 10:20	2/20/2007	2/21/2007	Conductivity	484 umhos/cm	A232B
007021209-010	Aqueous	2/18/2007 10:20	2/20/2007	2/21/2007	pH	7.8 s.u.	E150.1
007021209-010	Aqueous	2/18/2007 10:20	2/20/2007	2/21/2007	Solids, Total Dissolved - Calculated	277 mg/L	A1090F
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Sodium	157 mg/L	A2340 B
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Iron	15 mg/L	E200.7
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Potassium	0.19 mg/L	0.03 E200.7
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Calcium	26 mg/L	E200.7
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Solids, Total Dissolved - Calculated	149 mg/L	A1090F
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Magnesium	8 mg/L	E200.7
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	pH	7.3 s.u.	E150.1
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Conductivity	268 umhos/cm	A2310 B
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Alkalinity, Total as CaCO ₃	119 mg/L	A2320 B
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Bicarbonate as HCO ₃	146 mg/L	A2320 B
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Carbamates as CO ₃	mg/L	A2320 B
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Nitrates, Nitrites+Nitro as N	ND	
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Sulfate	1.12 mg/L	0.05 E353.2
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Magnesium	8 mg/L	E360.0
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Iron	161 mg/L	A2340 B
007021209-009	Aqueous	2/18/2007 10:49	2/20/2007	2/21/2007	Chloride	2 mg/L	E360.0
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Nitrates, Nitrites+Nitro as N	0.14 mg/L	0.05 E353.2
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Potassium	1 mg/L	E200.7
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Alkalinity, Total as CaCO ₃	267 mg/L	A2320 B
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Bicarbonate as HCO ₃	320 mg/L	A2320 B
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Carbamates as CO ₃	3 mg/L	A2320 B
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Nitrates, Nitrites+Nitro as N	607 umhos/cm	A2310 B
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Sulfate	63 mg/L	A2340 B
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Chloride	123 mg/L	E200.7
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Solids, Total Dissolved - Calculated	8.1 s.u.	E150.1
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Magnesium	358 mg/L	A1090F
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Iron	4 mg/L	E200.7
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Potassium	0.04 mg/L	0.03 E200.7
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Calcium	18 mg/L	E200.7
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Chloride	11 mg/L	E360.0
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Solids	21 mg/L	E360.0
007021209-017	Aqueous	2/18/2007 12:00	2/20/2007	2/21/2007	Chloride	15 mg/L	A2340 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Nitrates, Nitrites+Nitro as N	371 mg/L	A1100F
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Calcium	4 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Magnesium	1 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Iron	2 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Potassium	2 mg/L	E360.0
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	pH	6.49 mg/L	0.05 E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Conductivity	8.5 s.u.	E150.1
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Solids	535 umhos/cm	A2310 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Chloride	7 mg/L	E360.0
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Alkalinity	135 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Bicarbonate as HCO ₃	209 mg/L	A2320 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Carbamates as CO ₃	mg/L	0.05 E353.2
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Nitrates, Nitrites+Nitro as N	ND	
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Alkalinity, Total as CaCO ₃	257 mg/L	A2320 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Conductivity	7 mg/L	A2340 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Solids, Total Dissolved - Calculated	mg/L	A2320 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Chloride	29 mg/L	E360.0
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Iron	ND	
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Potassium	0.03 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Calcium	4 mg/L	E360.0
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Conductivity	481 umhos/cm	A2310 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Nitrates, Nitrites+Nitro as N	148 mg/L	A2340 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Carbamates as CO ₃	259 mg/L	A2320 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Nitrates, Nitrites+Nitro as N	0.8 mg/L	0.05 E353.2
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Alkalinity	33 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Chloride	38 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Solids	ND	
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	pH	7.3 s.u.	E150.1
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Conductivity	274 mg/L	A1100F
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Solids	48 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Alkalinity, Total as CaCO ₃	212 mg/L	A2320 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Carbamates as CO ₃	109 mg/L	A2340 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Nitrates, Nitrites+Nitro as N	ND	
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Potassium	mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Iron	ND	
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Calcium	45 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Alkalinity, Total Dissolved - Calculated	227 mg/L	A1100F
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Conductivity	399 umhos/cm	A2310 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Chloride	215 mg/L	A2320 B
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Iron	28 mg/L	E200.7
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Potassium	7.9 s.u.	E150.1
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Solids	25 mg/L	E360.0
007021209-006	Aqueous	2/18/2007 15:04	2/20/2007	2/21/2007	Chloride	2 mg/L	E360.0
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Carbamates as CO ₃	177 mg/L	A2320 B
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Conductivity	mg/L	A2220 B
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Magnesium	10 mg/L	E200.7
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Iron	0.21 mg/L	0.05 E353.2
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Bicarbonate as HCO ₃	197 mg/L	A2320 B
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Calcium	35 mg/L	E200.7
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Magnesium	13 mg/L	E200.7
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Chloride	2 mg/L	E200.7
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Solids	mg/L	0.05 E353.2
007021209-013	Aqueous	2/18/2007 16:42	2/20/2007	2/21/2007	Chloride	24 mg/L	E360.0

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceivedDate	ReportDate	Analyte	Result	Units	Result	Method
B07021100-013	Aqueous	2/19/2007 10:42	2/25/2007	2/25/2007	Solids, Total Dissolved - Calculated	205 mg/L	1 A1200F		
B07021100-013	Aqueous	2/19/2007 10:43	2/25/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.37 mg/L	0.05 E932.2		
B07021100-013	Aqueous	2/19/2007 10:42	2/25/2007	2/25/2007	Potassium	1 mg/L	1 A200.7		
B07021100-013	Aqueous	2/19/2007 10:42	2/25/2007	2/25/2007	Alkalinity, Total as CaCO3	362 mg/L	1 A220.8		
B07021100-013	Aqueous	2/19/2007 10:42	2/25/2007	2/25/2007	Conductivity	368 umhos/cm	1 A250.9		
B07021100-013	Aqueous	2/19/2007 10:42	2/25/2007	2/25/2007	Sodium	21 mg/L	1 A200.7		
B07021100-013	Aqueous	2/19/2007 10:42	2/25/2007	2/25/2007	pH	7.6 s.s.	0.1 E150.1		
B07021100-013	Aqueous	2/19/2007 10:42	2/25/2007	2/25/2007	Hardness as CaCO3	141 mg/L	1 A220.8		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Hardness as CaCO3	7 mg/L	1 A220.8		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Calcium	2 mg/L	1 A200.7		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Bicarbonate as HC03	227 mg/L	1 A220.8		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Iron	0.29 mg/L	0.05 E90.7		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	ND mg/L	0.05 E932.2		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Magnesium	ND mg/L	1 A200.7		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Solids, Total Dissolved - Calculated	322 mg/L	1 A100F		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Chloride	1 mg/L	1 E90.0		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Solids	54 mg/L	1 E90.0		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Alkalinity, Total as CaCO3	198 mg/L	1 A220.8		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Carbamate as CO3	7 mg/L	1 A220.8		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Conductivity	514 umhos/cm	1 A250.9		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	pH	8.5 s.s.	0.1 E150.1		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Sodium	128 mg/L	1 A200.7		
B07021100-012	Aqueous	2/19/2007 8:58	2/25/2007	2/25/2007	Potassium	ND mg/L	1 E90.0		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Hardness as CaCO3	109 mg/L	1 A220.8		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Solids, Total Dissolved - Calculated	152 mg/L	1 A100F		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Calcium	30 mg/L	1 A200.7		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	pH	7.3 s.s.	0.1 E150.1		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Conductivity	266 umhos/cm	1 A250.9		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.85 mg/L	0.05 E932.2		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Sodium	10 mg/L	1 E90.0		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Chloride	2 mg/L	1 E90.0		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Magnesium	0 mg/L	0.05 E90.7		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Iron	ND mg/L	1 E90.7		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Sulfur	11 mg/L	1 E90.7		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Bicarbonate as HC03	145 mg/L	1 A220.8		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Alkalinity, Total as CaCO3	118 mg/L	1 A220.8		
B07021100-011	Aqueous	2/19/2007 9:10	2/25/2007	2/25/2007	Carbonate as CO3	ND mg/L	1 A220.8		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Carbonate as CO3	ND mg/L	1 A220.8		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Conductivity	500 umhos/cm	1 A250.9		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	pH	7.7 s.s.	0.1 E150.1		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Chloride	4 mg/L	1 E90.0		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Calcium	7 mg/L	1 A220.8		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Sodium	36 mg/L	1 E90.0		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Nitrogen, Nitrate+Nitrite as N	0.57 mg/L	0.05 E932.2		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Magnesium	ND mg/L	1 E90.7		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Iron	258 mg/L	1 A220.8		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Potassium	ND mg/L	1 E90.7		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Solids	2 mg/L	1 E90.7		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Alkalinity, Total as CaCO3	122 mg/L	1 E90.7		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Solids, Total Dissolved - Calculated	301 mg/L	1 A100F		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Iron	ND mg/L	0.05 E90.7		
B07021100-009	Aqueous	2/19/2007 10:26	2/25/2007	2/25/2007	Bicarbonate as HC03	212 mg/L	1 A220.8		
B07021100-009	Aqueous	2/19/2007 9:30	5/21/2007	5/21/2007	Hardness as CaCO3 - Grains	11.6 grains/gal	0.1 Calculation		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Chloride	5 mg/L	1 E90.0		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Solids, Total Dissolved - Calculated	0.18 mg/L	0.05 E932.2		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Nitrogen, Nitrate+Nitrite as N	0.18 mg/L	0.05 E932.2		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Sodium	366 mg/L	1 A100F		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Hardness as CaCO3	75 mg/L	1 E90.0		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	pH	198 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Sulfur	7.7 s.s.	0.1 A4500 H		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Conductivity	60 mg/L	1 A200.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Magnesium	1 mg/L	1 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Iron	242 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Alkalinity, Total as CaCO3	296 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Carbonate as CO3	ND mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Calcium	46 mg/L	1 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Iron	ND mg/L	0.05 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Bicarbonate as HC03	634 umhos/cm	1 A250.9		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Chloride	9 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Sulfur	157 mg/L	1 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Potassium	ND mg/L	1 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Magnesium	ND mg/L	1 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Iron	ND mg/L	0.05 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Conductivity	632 umhos/cm	1 A250.9		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	pH	74 mg/L	2 E90.0		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Solids, Total Dissolved - Calculated	388 mg/L	1 A100F		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Alkalinity, Total as CaCO3	223 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Carbonate as CO3	265 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Calcium	9 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Iron	3 mg/L	1 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Nitrogen, Nitrate+Nitrite as N	0.51 mg/L	0.05 E932.2		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	pH	8.7 s.s.	0.1 A4500 H		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Magnesium	3 mg/L	1 E90.7		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Iron	2.2 grain/gal	0.1 Calculation		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Alkalinity, Total as CaCO3 - Grains	263 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Bicarbonate as HC03	280 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Sodium	19 mg/L	1 A220.8		
B07021100-010	Aqueous	5/19/2007 9:30	5/21/2007	5/21/2007	Conductivity	623 umhos/cm	1 A250.9		

Horse Creek CGWA Water Quality Data

LabSampleID	Method	CollectionDate	SampleDate	ReportDate	Analysis	Timeoff	Wt/Spec	Results	Unit	Method
B07051804-001	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Sulfate	44 mg/l	1 E300.0			
B07051804-001	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Chloride	7 mg/l	1 E300.0			
B07051804-001	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Iron	9.86 mg/l	0.03 E200.7			
B07051804-001	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Nitrate+Nitrite	3 mg/l	1 E300.7			
B07051804-001	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Conductivity	158 mg/l	1 E300.7			
B07051804-001	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Sodium	9 s.u.	0.1 A4500 H			
B07051804-001	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	pH	446 mg/l	1 A1300F			
B07051804-002	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Sulfate, Total Dissolved - Calculated	37 mg/l	1 A2340 B			
B07051804-002	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Hardness as CaCO ₃	mg/l	0.05 E353.2			
B07051804-002	Aqueous	5/16/2007 15:27	5/21/2007	5/24/2007	Calcium	30 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Molarity, Total as CaCO ₃	229 mg/l	1 A2328 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Bicarbonate as HC03	239 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	pH	8.9 s.u.	0.1 A4500 H			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate	24 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Conductivity	466 umhos/cm	1 A2310 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Hardness as CaCO ₃	4 mg/l	1 A2340 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Carbонат	14 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Chloride	3 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Magnesium	ND		0.18 mg/l	1 E200.7	
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Iron	139 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sodium	0.2 grain/gal	0.1 Calculation			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Potassium	mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate, Total Dissolved - Calculated	369 mg/l	1 A1300F			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals, Nitrate+Nitrite as N	mg/l	0.05 E353.2			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Calcium	2 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals, Nitrate+Nitrite as N	0.07 mg/l	0.05 E353.2			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Iron	406 umhos/cm	1 A2310 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Chloride	1 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Magnesium	231 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Carbonate as HC03	mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Alkalinity, Total as CaCO ₃	190 mg/l	1 A1320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate, Total Dissolved - Calculated	233 mg/l	1 A1300F			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	18 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sodium	26 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Potassium	0.16 mg/l	0.05 E200.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	9 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Potassium	ND		mg/l	1 E300.7	
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Magnesium	52 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Iron	102 mg/l	1 A2340 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	pH	8.1 s.u.	0.1 A4500 H			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Hardness as CaCO ₃	119 mg/l	1 A2340 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sodium	13 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	0.34 mg/l	0.05 E353.2			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Carbonate as CO2	ND		mg/l	1 A2320 B	
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Potassium	ND		mg/l	1 E300.7	
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Conductivity	9 mg/l	1 E200.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	7.6 s.u.	0.1 Calculation			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Alkalinity, Total as CaCO ₃	128 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Chloride	33 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate, Total Dissolved - Calculated	225 mg/l	1 A1300F			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals, Nitrate+Nitrite as N	162 mg/l	1 A1300F			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sodium	30 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	6.9 grain/gal	0.1 Calculation			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Carbonate as HC03	154 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Alkalinity, Total as CaCO ₃	278 umhos/cm	1 A2310 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals, Nitrate+Nitrite as N	128 mg/l	0.05 E353.2			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Calcium	33 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate, Total Dissolved - Calculated	225 mg/l	1 A1300F			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals, Chloride	2 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate	15 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Hardness as CaCO ₃ - Grains	130 mg/l	1 A2340 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	7.6 grain/gal	0.1 Calculation			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Calcium	37 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals, Nitrate+Nitrite as N	6.67 mg/l	0.05 E353.2			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Iron	8.3 s.u.	0.1 A4500 H			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate	37 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Potassium	ND		mg/l	1 E300.7	
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Magnesium	37 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Iron	ND		mg/l	1 E300.7	
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Conductivity	460 umhos/cm	1 A2310 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	0.33 mg/l	0.05 E200.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Carbonate as CO2	3 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Alkalinity, Total as CaCO ₃	220 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals, Nitrate+Nitrite as N	191 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sodium	12 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	mg/l	0.05 E353.2			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Chloride	2 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate	292 mg/l	1 A1300F			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Potassium	ND		mg/l	1 E300.7	
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	24 mg/l	1 E300.0			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Conductivity	9.6 grain/gal	0.1 Calculation			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	pH	7.9 s.u.	0.1 A4500 H			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sulfate	55 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Alkalinity, Total as CaCO ₃	231 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Carbonate as CO2	ND		mg/l	1 A2320 B	
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals	1 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Iron	265 mg/l	1 A2340 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Calcium	46 mg/l	1 E300.7			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Minerals, Nitrate+Nitrite as N	282 mg/l	1 A2320 B			
B07051804-019	Aqueous	5/16/2007 17:44	5/21/2007	5/24/2007	Sodium	339 mg/l	1 A2510 B			

Horse Creek CGWA Water Quality Data

Label/Sample	Matrix	Collection Date	Received Date	Report Date	Analysis	Threat	Method	Units	Result	Unit	Method
07051824-002	Aqueous	5/26/2007 15:09	5/22/2007	5/24/2007	Hardness as CaCO ₃	ND	1 A2340 B	111 mg/L	129 mg/L	1 E260.7	
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Calcium	ND	1 A2340 B	29 mg/L	3 s.u.	0.1 A4500 H	
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	pH	ND	1 A2340 B	33 mg/L	1 E260.7		
07051824-003	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Sodium	ND	1 A2340 B	9 mg/L	1 E260.7		
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Potassium	ND	1 A2340 B	mg/L	0.03 E260.7		
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Magnesium	ND	1 A2340 B	mg/L	1 E260.7		
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Iron	ND	1 A2340 B	mg/L	0.03 E260.7		
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Carbamates as CO ₂	ND	1 A2340 B	159 mg/L	1 A1050	0.1 Calculation	
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Salts, Total Dissolved - Calculated	ND	1 A2340 B	6.5 grains/gd	20 mg/L	1 E260.0	
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Hardness as CaCO ₃ - Grains	ND	1 A2340 B	182 mg/L	24 mg/L	1 A2320 B	
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Sulfate	ND	1 A2340 B	349 mg/L	324 mg/L	1 A2320 B	
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Bicarbonate as HC03	ND	1 A2340 B	0.6 mg/L	0.6 E263.2		
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Alkalinity, Total as CaCO ₃	ND	1 A2340 B	1 mg/L	1 E260.0		
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Nitrogen, Nitrate+Nitrite as N	ND	1 A2340 B	406 umhos/cm	406 umhos/cm	1 A2320 B	
07051824-002	Aqueous	5/26/2007 15:10	5/22/2007	5/24/2007	Conductivity	ND	1 A2340 B	7.9 s.u.	0.1 A4500 H		
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Hardness as CaCO ₃	ND	1 A2340 B	1 mg/L	1 A2320 B		
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Salts, Total Dissolved - Calculated	ND	1 A2340 B	159 mg/L	1 A1050	0.1 Calculation	
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	pH	ND	1 A2340 B	20 mg/L	1 E260.0		
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Hardness as CaCO ₃ - Grains	ND	1 A2340 B	234 mg/L	182 mg/L	1 A2320 B	
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Sulfate	ND	1 A2340 B	2 mg/L	1 E260.0		
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Alkalinity, Total as CaCO ₃	ND	1 A2340 B	9.7 grains/gd	0.1 Calculation		
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Magnesium as CaCO ₃ - Grains	ND	1 A2340 B	366 mg/L	366 mg/L	1 A2320 B	
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Hardness as CaCO ₃ - Salts	ND	1 A2340 B	290 mg/L	13 mg/L	1 E260.7	
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Magnesium	ND	1 A2340 B	22 mg/L	54 mg/L	1 E260.7	
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Sulfide	ND	1 A2340 B	0.16 mg/L	0.16 E263.2		
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Nitrogen, Nitrate+Nitrite as N	ND	1 A2340 B	45 mg/L	1 E260.7		
07051824-004	Aqueous	5/19/2007 13:50	5/16/2007	5/18/2007	Iron	ND	1 A2340 B	mg/L	0.03 E260.7		
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Chloride	ND	1 A2340 B	1 mg/L	1 E260.0		
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Hardness as CaCO ₃	ND	1 A2340 B	144 mg/L	7.7 s.u.	0.1 A4500 H	
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	pH	ND	1 A2340 B	18 mg/L	1 A2320 B		
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Sulfate	ND	1 A2340 B	175 mg/L	175 mg/L	1 A2320 B	
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Carbamates as CO ₂	ND	1 A2340 B	310 umhos/cm	10 mg/L	1 A2310 B	
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Magnesium	ND	1 A2340 B	175 mg/L	1 mg/L	1 E260.0	
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Alkalinity, Total as CaCO ₃	ND	1 A2340 B	144 mg/L	144 mg/L	1 A2320 B	
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Sodium	ND	1 A2340 B	10 mg/L	1 E260.7		
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Hardness as CaCO ₃ - Grains	ND	1 A2340 B	119 mg/L	119 mg/L	1 A2320 B	
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Potassium	ND	1 A2340 B	mg/L	1 E260.7		
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Nitrogen, Nitrate+Nitrite as N	ND	1 A2340 B	0.55 mg/L	0.55 mg/L	0.05 E253.2	
07051824-015	Aqueous	5/26/2007 10:45	5/22/2007	5/24/2007	Iron	ND	1 A2340 B	mg/L	0.03 E260.7		
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Carbamates as CO ₂	ND	1 A2340 B	38 mg/L	1 mg/L	1 E260.0	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Chloride	ND	1 A2340 B	14 mg/L	1 mg/L	1 E260.0	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Hardness as CaCO ₃	ND	1 A2340 B	39 mg/L	1 mg/L	1 A2340 B	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Calcium	ND	1 A2340 B	2.3 grains/gd	0.1 Calculation		
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Magnesium	ND	1 A2340 B	641 umhos/cm	1 mg/L	1 A2310 B	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Alkalinity, Total as CaCO ₃	ND	1 A2340 B	417 mg/L	1 mg/L	1 A1050F	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Sodium	ND	1 A2340 B	293 mg/L	1 mg/L	1 A2320 B	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Hardness as CaCO ₃ - Grains	ND	1 A2340 B	163 mg/L	1 mg/L	1 E260.7	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Sulfate	ND	1 A2340 B	8.5 s.u.	0.1 A4500 H		
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Nitrogen, Nitrate+Nitrite as N	ND	1 A2340 B	0.07 mg/L	0.07 mg/L	0.05 E253.2	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Potassium	ND	1 A2340 B	mg/L	1 E260.7		
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Magnesium	ND	1 A2340 B	339 mg/L	2 mg/L	1 E260.7	
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Calcium	ND	1 A2340 B	2 mg/L	1 E260.7		
07051824-008	Aqueous	5/19/2007 15:25	5/16/2007	5/18/2007	Iron	ND	1 A2340 B	12 mg/L	1 mg/L	1 E260.7	
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Carbamates as CO ₂	ND	1 A2340 B	9 mg/L	0.08 E260.7		
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Calcium	ND	1 A2340 B	3 mg/L	0.08 E260.7		
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Sulfides	ND	1 A2340 B	138 mg/L	1 mg/L	1 E260.7	
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Potassium	ND	1 A2340 B	mg/L	1 E260.7		
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Magnesium	ND	1 A2340 B	2 mg/L	1 E260.7		
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Alkalinity, Total as CaCO ₃	ND	1 A2340 B	4 mg/L	1 A2320 B		
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Sodium	ND	1 A2340 B	299 mg/L	1 mg/L	1 A2320 B	
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Hardness as CaCO ₃	ND	1 A2340 B	252 mg/L	1 mg/L	1 A2320 B	
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Sulfite, Total Dissolved - Calculated	ND	1 A2340 B	321 mg/L	1 mg/L	1 A1050	
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Iron	ND	1 A2340 B	2.3 mg/L	0.03 E260.7		
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Chloride	ND	1 A2340 B	2 mg/L	0.03 E260.7		
07051824-017	Aqueous	5/19/2007 17:28	5/16/2007	5/18/2007	Hardness as CaCO ₃ - Grains	ND	1 A2340 B	0.79 mg/L	0.79 mg/L	0.05 E253.2	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Nitrogen, Nitrate+Nitrite as N	ND	1 A2340 B	28 mg/L	1 mg/L	1 E260.7	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Sulfide	ND	1 A2340 B	269 mg/L	1 mg/L	1 A2320 B	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Carbamates as CO ₂	ND	1 A2340 B	295 mg/L	1 mg/L	1 A2320 B	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Carbamates as CO ₂	ND	1 A2340 B	mg/L	1 A2340 B		
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Carbamates as CO ₂	ND	1 A2340 B	155 mg/L	1 mg/L	1 A2340 B	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Carbamates as CO ₂	ND	1 A2340 B	9 mg/mg/gd	9 mg/mg/gd	0.1 Calculation	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Conductivity	ND	1 A2340 B	472 umhos/cm	50 mg/L	1 A2310 B	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Sulfide	ND	1 A2340 B	7.6 s.u.	7.6 s.u.	0.1 A4500 H	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Iron	ND	1 A2340 B	0.6 mg/L	0.6 mg/L	0.05 E260.7	
07051824-021	Aqueous	5/19/2007 16:48	5/16/2007	5/18/2007	Calcium	ND	1 A2340 B	41 mg/L	1 E260.7		

Horse Creek CGWA Water Quality Data

LabSampleID	Method	CollectionDate	ReceivedDate	ReportDate	Analysis	Unit	Method	Results	Units	Method	Results
807051894-021	Aqueous	5/18/2007 16:48	5/21/2007	5/20/2007	Magnesium	ND	12 mg/L	1 A200.7	mg/L	1 A200.7	
807051894-021	Aqueous	5/18/2007 16:48	5/21/2007	5/20/2007	Potassium			mg/L		1 A200.7	
807051894-022	Aqueous	5/18/2007 16:48	5/21/2007	5/20/2007	Chloride		4 mg/L			1 A200.0	
807051894-023	Aqueous	5/18/2007 16:48	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated		276 mg/L			1 A1000F	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Hardness as CaCO ₃		112 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Calcium		29 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	pH		7.9 s.u.			0.1 A4500 H	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated		232 mg/L			1 A1000F	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Conductivity		389 umhos/cm			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Chloride		1 mg/L			1 A200.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Carbonate as CO ₃	ND	mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains		6.5 grains/gal			0.1 Calculation	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solids		23 mg/L			1 A200.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N		0.22 mg/L			0.05 E53.2	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Sodium		48 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Potassium		232 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃		177 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Hardness as HC03		217 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Magnesium		9 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Iron	ND	mg/L	0.03		0.03 E20.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Carbonate as HC03		179 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated		29 mg/L			1 A200.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Hardness as CaCO ₃		208 mg/L			1 A1000F	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃		127 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains		7.4 grains/gal			0.1 Calculation	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N		0.26 mg/L			0.05 E53.2	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Iron		147 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solutes		30 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Calcium		35 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Iron		mg/L	0.03		0.03 E20.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Magnesium		9 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Potassium	ND	mg/L	1		1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Conductivity		353 umhos/cm			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	pH		7.9 s.u.			0.1 A4500 H	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solutes		25 mg/L			1 A200.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N		0.48 mg/L			0.05 E53.2	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Calcium		39 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	pH		7.7 s.u.			0.1 A4500 H	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Sodium		31 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Chloride		1 mg/L			1 A200.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Potassium		1 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Magnesium		31 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Iron		0.03 mg/L			0.03 E20.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solutes, Total Dissolved - Calculated		224 mg/L			1 A1000F	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Hardness as CaCO ₃		143 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃		207 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains		169 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Conductivity		388 umhos/cm			1 A250.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Carbonate as CO ₃	ND	mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N		8.4 grains/gal			0.1 Calculation	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Iron		2 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Potassium	ND	mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Magnesium	ND	mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Chloride	ND	mg/L			1 A200.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Conductivity		565 umhos/cm			1 A250.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	pH		8.8 s.u.			0.1 A4500 H	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solutes		51 mg/L			1 A200.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Carbonate as CO ₃		9 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solutes, Total Dissolved - Calculated		212 mg/L			1 A1000F	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Sodium		125 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃		198 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Hardness as HC03		223 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Solutes		6 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N	ND	0.4 grains/gal			0.1 Calculation	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Iron		0.05 mg/L			0.03 E20.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Potassium		0.64 mg/L			0.05 E53.2	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Magnesium		7.6 s.u.			0.1 A4500 H	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Chloride	ND	mg/L			0.03 E20.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Conductivity		8 mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Potassium	ND	mg/L			1 A200.7	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Carbonate as CO ₃		12 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N		115 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Iron		6.7 grains/gal			0.1 Calculation	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Potassium		232 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Magnesium		17 mg/L			1 A220.0	
807051894-029	Aqueous	5/18/2007 16:53	5/21/2007	5/20/2007	Chloride	ND	mg/L			1 A200.7	
807051894-018	Aqueous	5/26/2007 9:50	5/21/2007	5/20/2007	Solutes		37 mg/L			1 A200.0	
807051894-018	Aqueous	5/26/2007 9:50	5/21/2007	5/20/2007	Alkalinity, Total as CaCO ₃		219 mg/L			1 A220.0	
807051894-018	Aqueous	5/26/2007 9:50	5/21/2007	5/20/2007	Nitrogen, Nitrate+Nitrite as N		1.06 mg/L			0.05 E53.2	

Homer Creek CGWA Water Quality Data

LabTestID	Method	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	RUnits	MMethod	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Conductivity	548 umhos/cm	1	12510 B		
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Magnesium	mg/L	0.7	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Sodium	mg/L	142	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Hardness as CaCO ₃	mg/L	4	mg/L	1 E200.8	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Iron	mg/L	0.0	mg/L	0.0 E200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	pH	s.d.	8.9	s.d.	0.1 E4500	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	mg/L	0.2	grains/gal	0.1 Calculated	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Calcium	mg/L	2	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	mg/L	341	mg/L	1 A1090F	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Magnesium	mg/L	0.0	mg/L	0.2 E200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Conductivity	519 umhos/cm	1	12510 B		
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Molarity, Total as CaCO ₃	s.d.	8.8	s.d.	0.1 E4500	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Hardness as HCO ₃	mg/L	236	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	pH	mg/L	268	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Bicarbonate as HCO ₃	mg/L	0.0	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Carbonate as CO ₃	mg/L	0.74	mg/L	0.0 E251.2	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Nitrates, Nitrite-Nitrate as N	mg/L	0.0	mg/L	0.0 E200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Iron	mg/L	0.0	mg/L	0.0 E200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Potassium	mg/L	0.0	mg/L	0.0 E200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Sulfur	mg/L	123	mg/L	1 A200.7	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	mg/L	312	mg/L	1 A1090F	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Hardness as CaCO ₃	mg/L	8	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	mg/L	0.5	grains/gal	0.1 Calculated	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Chloride	mg/L	4	mg/L	1 A1090 F	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Sulfate	mg/L	26	mg/L	1 A1090 F	
W07051204-012	Aqueous	5/20/2007 9:50	5/21/2007	5/20/2007	Calcium	mg/L	3	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Sulfur	mg/L	37	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Conductivity	750 umhos/cm	1	12510 B		
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Chloride	mg/L	26	mg/L	1 E200.0	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Calcium	mg/L	71	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Irrigation Classification	-	-	-	Visual	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Unsettled Solubility	-	-	-	Visual	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	pH	s.d.	8.8	s.d.	0.1 A4500 H	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Nitrates, Nitrite-Nitrate as N	mg/L	4.88	mg/L	0.0 E251.2	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Potassium	mg/L	2	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Magnesium	mg/L	33	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Iron	mg/L	0.28	mg/L	0.0 E200.7	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Bicarbonate as HCO ₃	mg/L	269	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Carbonate as CO ₃	mg/L	337	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Hardness as CaCO ₃	mg/L	18.4	grains/gal	0.1 Calculated	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	mg/L	314	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 10:30	5/21/2007	5/20/2007	Magnesium	mg/L	440	mg/L	1 A1090 F	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Sulfur	mg/L	0.0	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Magnesium	mg/L	336	mg/L	1 A1090 F	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	mg/L	8.6	mg/L	0.1 A4500 H	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Unsettled Solubility	-	-	-	Visual	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Conductivity	567 umhos/cm	1	12510 B		
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Hardness as CaCO ₃	mg/L	7	mg/L	1 A1090 F	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	mg/L	6.4	grains/gal	0.1 Calculated	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Chloride	mg/L	36	mg/L	1 E200.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Nitrates, Nitrite-Nitrate as N	mg/L	2	mg/L	1 E200.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Potassium	mg/L	1.1	mg/L	0.0 E251.2	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Calcium	mg/L	1.0	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Iron	mg/L	2	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Bicarbonate as HCO ₃	mg/L	241	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Carbonate as CO ₃	mg/L	279	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Hardness as CaCO ₃	mg/L	0.0	mg/L	0.0 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	mg/L	8	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Chloride	mg/L	136	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Unsettled Solubility	-	-	-	Visual	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Irrigation Classification	-	-	-	Visual	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Conductivity	486 umhos/cm	1	12510 B		
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Sulfur	mg/L	112	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Potassium	mg/L	0.0	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Magnesium	mg/L	0.0	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Iron	mg/L	0.13	mg/L	0.0 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Calcium	mg/L	1	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	pH	s.d.	8.8	s.d.	0.1 A4500 H	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Nitrates, Nitrite-Nitrate as N	mg/L	14	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Hardness as CaCO ₃ - Grains	mg/L	0.2	grains/gal	0.1 Calculated	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Hardness as CaCO ₃	mg/L	4	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Solids, Total Dissolved - Calculated	mg/L	281	mg/L	1 A1090F	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Solids, Total	mg/L	22	mg/L	1 E200.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Chloride	mg/L	9	mg/L	1 E200.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Unsettled Solubility	-	-	-	Visual	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Irrigation Classification	-	-	-	Visual	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Conductivity	234 mg/L	1	12510 B		
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Sulfur	mg/L	215	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Potassium	mg/L	5.4	grains/gal	0.1 Calculated	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Magnesium	mg/L	336 umhos/cm	1	12510 B	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Iron	mg/L	8	mg/L	1 A4500 H	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Calcium	mg/L	36	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	pH	mg/L	1	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Magnesium	mg/L	6	mg/L	1 E200.7	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Iron	mg/L	0.0	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Chloride	mg/L	182	mg/L	1 A1090F	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Nitrates, Nitrite-Nitrate as N	mg/L	0.39	mg/L	0.0 E251.2	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Hardness as CaCO ₃	mg/L	92	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Dissolve	mg/L	3	mg/L	1 A220.0	
W07051204-012	Aqueous	5/20/2007 11:32	5/21/2007	5/20/2007	Irrigation Classification	-	-	-	Visual	

Horse Creek CGWA Water Quality Data

Location/Depth	Method	CollectionDate	ReceivedDate	ReportDate	Analyst	THResult	Method	Results	Unit	Method
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Iron	ND	0.05 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Calcium	27 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbamate as CO3	ND	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Magnesium	189 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbonate as HCO3	13 mg/l	1 E300.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	255 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Alkalinity, Total as CaCO3	0.22 mg/l	0.05 E353.2			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Nitrogen, Nitrate+Nitrite as N	1 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Potassium	11 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Magnesium	192 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Alkalinity, Total as CaCO3	1.27 mg/l	0.05 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Iron	33 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	234 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbamate as CO3	ND	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbonate as CO3	349 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Hardness as CaCO3	40 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Calcium	—	Visual			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Magnesium	0.8 grains/gal	0.1 Calculation			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Hardness as CaCO3 - Grains	230 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Solids, Total Dissolved - Calculated	0.3 s.u.	0.1 A4500 H			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	pH	398 umhos/cm	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Conductivity	2 mg/l	1 E300.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	34 mg/l	1 E200.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	—	Visual			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Unsaturated Solubility	—				
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Alkalinity, Total as CaCO3	132 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbamate as CO3	163 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Solids, Total Dissolved - Calculated	—				
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	pH	10 mg/l	1 E300.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Conductivity	0.2 mg/l	0.05 E353.2			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	37 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	—	Visual			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Unsaturated Solubility	—				
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Alkalinity, Total as CaCO3 - Grains	5.8 mg/l	0.05 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Magnesium	10 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Potassium	2 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	18 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbamate as CO3	7.8 grains/gal	0.1 Calculation			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Solids, Total Dissolved - Calculated	180 mg/l	1 A1200F			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Grains	133 mg/l	1 A2340 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	1 mg/l	1 E300.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	pH	7.5 s.u.	0.1 A4500 H			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Conductivity	263 umhos/cm	1 A2310 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Unsaturated Solubility	—	Visual			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Hardness as CaCO3 - Grains	132 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Magnesium	163 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Potassium	—	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	10 mg/l	1 E300.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbamate as CO3	3 mg/l	0.05 E353.2			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Solids, Total Dissolved - Calculated	—				
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	pH	132 mg/l	1 A2340 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Conductivity	260 mg/l	1 A1200F			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	58 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Nitrogen, Nitrate+Nitrite as N	ND	0.05 E353.2			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	3 mg/l	1 E300.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	—	Visual			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Unsaturated Solubility	—				
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Alkalinity, Total as CaCO3 - Grains	7.7 grains/gal	0.1 Calculation			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Magnesium	12 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Potassium	—	Visual			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Conductivity	—				
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	0.05 mg/l	0.05 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	—	Visual			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Unsaturated Solubility	—				
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Alkalinity, Total as CaCO3	261 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Magnesium	290 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Potassium	2 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	25 mg/l	1 E300.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbamate as CO3	50 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Solids, Total Dissolved - Calculated	490 umhos/cm	1 A2310 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Grains	50 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	43 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Nitrogen, Nitrate+Nitrite as N	22 mg/l	0.05 E353.2			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	0.33 mg/l	0.05 E353.2			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	2 mg/l	1 E300.0			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbamate as CO3	12 mg/l	1 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Solids, Total Dissolved - Calculated	288 mg/l	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Grains	499 umhos/cm	1 A2320 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	—	Visual			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Unsaturated Solubility	—				
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Alkalinity, Total as CaCO3 - Grains	7.2 grains/gal	0.1 Calculation			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Magnesium	122 mg/l	1 A2340 B			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Potassium	181 mg/l	1 A1200F			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Sulfate	mg/l	0.05 E200.7			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Carbamate as CO3	7.8 s.u.	0.1 A4500 H			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Nitrogen, Nitrate+Nitrite as N	0.35 mg/l	0.05 E353.2			
0/25/2007 12:55	Aquous	0/25/2007	0/25/2007	0/25/2007	Chloride	149 mg/l	1 A2320 B			

Horse Creek CGWA Water Quality Data

LabSampleID	Method	CollectionDate	ReceivedDate	ReportDate	Analysis	Result	Method	Units	Result	Method
B07002404-002	Aqueous	8/25/2007 18:12	9/26/2007	9/5/2007	Calcium	33 mg/L	1 E200.7			
B07002404-002	Aqueous	8/25/2007 18:12	9/26/2007	9/5/2007	Magnesium	10 mg/L	1 E200.7			
B07002404-003	Aqueous	8/25/2007 18:12	9/26/2007	9/5/2007	Potassium	ND	mg/L		1 E200.7	
B07002404-003	Aqueous	8/25/2007 18:12	9/26/2007	9/5/2007	Sodium	20 mg/L	1 E200.7			
B07002404-003	Aqueous	8/25/2007 18:12	9/26/2007	9/5/2007	Irrigation Classification	-	Visual			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Calcium	53 mg/L	1 E200.7			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Sodium, Total Dissolved - Calculated	350 mg/L	1 A1000F			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Hardness as CaCO ₃	205 mg/L	1 A2240 B			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Hardness as CaCO ₃ - Grains	32 grains/gal	0.1 Calculation			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	0.25 mg/L	0.05 E203.2			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Potassium	2 mg/L	1 E200.7			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Irrigation Classification	-	Visual			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Sodium	596 umhos/cm	1 A2239 B			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	pH	8 s.u.	0.1 A4560 H			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Chloride	3 mg/L	1 E200.0			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Carbonate as CO ₃	ND	mg/L	1 A2230 B		
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Bicarbonate as HC03	380 mg/L	1 A2230 B			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Alkalinity, Total as CaCO ₃	277 mg/L	1 A2230 B			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Magnesium	17 mg/L	1 E200.7			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Unstock Suitability	-	Visual			
B07002404-008	Aqueous	8/25/2007 14:00	9/26/2007	9/5/2007	Sodium	37 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Irrigation Classification	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Chloride	2 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	4 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃ - Grains	ND	mg/L	0.05 E203.2		
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Potassium	9 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	127 mg/L	2 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Calcium	11 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Iron	36 mg/L	0.2 F200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃	59 mg/L	1 A2240 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Unstock Suitability	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Total Dissolved - Calculated	600 mg/L	1 A1000F			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Carbamate as CO ₃	9 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Bicarbonate as HC03	304 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	pH	8.6 s.u.	0.1 A4560 H			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Conductivity	546 umhos/cm	1 A2210 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Magnesium	8 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Alkalinity, Total as CaCO ₃	264 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃ - Grains	3.4 grains/gal	0.1 Calculation			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Carbonate as CO ₃	ND	mg/L	1 A2230 B		
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Bicarbonate as HC03	246 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃	365 mg/L	1 A2240 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Iron	14 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	235 mg/L	1 A1000F			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	0.7 mg/L	0.05 E203.2			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Chloride	3 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Iron	ND	mg/L	0.05 E200.7		
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Potassium	1 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Unstock Suitability	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	pH	7.9 s.u.	0.1 A4560 H			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	27 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃ - Grains	0.7 grains/gal	0.1 Calculation			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Calcium	43 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sulfate	422 umhos/cm	1 A2210 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Conductivity	201 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Alkalinity, Total as CaCO ₃	201 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Irrigation Classification	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Magnesium	14 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Iron	40 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	3 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Calcium	26 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Unstock Suitability	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	pH	ND	mg/L	0.05 E203.2		
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Conductivity	480 umhos/cm	1 A2210 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃	216 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Total Dissolved - Calculated	275 mg/L	1 A1000F			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Carbamate as CO ₃	ND	mg/L	1 A2230 B		
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Bicarbonate as HC03	264 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Potassium	ND	mg/L		1 E200.7	
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Unstock Suitability	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	pH	147 mg/L	1 A2240 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	7.8 s.u.	0.1 A4560 H			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃	480 umhos/cm	1 A2210 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Calcium	216 mg/L	1 A2230 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Irrigation Classification	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Magnesium	288 umhos/cm	1 A2210 B			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Potassium	ND	mg/L		1 E200.7	
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Magnesium	9 mg/L	1 E200.7			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	23 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃ - Grains	6.1 grains/gal	0.1 Calculation			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Calcium	ND	mg/L		1 E200.7	
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Unstock Suitability	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	pH	ND	mg/L		1 E200.7	
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	23 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃ - Grains	6.1 grains/gal	0.1 Calculation			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Calcium	ND	mg/L		1 E200.7	
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Unstock Suitability	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	pH	ND	mg/L		1 E200.7	
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Sodium	23 mg/L	1 E200.0			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Hardness as CaCO ₃ - Grains	6.1 grains/gal	0.1 Calculation			
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Calcium	ND	mg/L		1 E200.7	
B07002404-012	Aqueous	8/25/2007 16:30	9/26/2007	9/5/2007	Unstock Suitability	-	Visual			
B07002404-012	Aqueous	8/25/2007 16:30								

Horse Creek CGWA Water Quality Data

LabSampleID	Matrix	CollectionDate	ReceiveDate	ReportDate	Analyte	TResult	NResult	Runits	Rlimit	Method
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	pH	8.3 s.u.	0.1	A4500 H		
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Iron	ND	mg/L	0.03	E200.7	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Chloride		1 mg/L	1	E300.0	
B07082466-014	Aqueous	8/25/2007 16:10	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.16 mg/L	0.05	E353.2	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Bicarbonate as HCO3		234 mg/L	1	A2320 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		203 mg/L	1	A2320 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Magnesium	ND	mg/L	1	E200.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Iron		0.12 mg/L	0.03	E200.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Calcium		2 mg/L	0.1	E200.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Conductivity		513 umhos/cm	1	A2510 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Irrigation Classification	-	mg/L	0.05	E353.2	Visual
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N	ND	mg/L	1	E300.0	Visual
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Uvestock Suitability		mg/L	1	A200.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Potassium	ND	mg/L	1	A2320 B	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Carbonate as CO3		6 mg/L	0.1	A1030 F	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	pH		8.5 s.u.	0.1	A4500 H	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		308 mg/L	1	A1030 F	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Chloride	ND	mg/L	1	E300.0	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Sodium		120 mg/L	1	E200.7	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Sulfate		49 mg/L	1	E300.0	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4 grain/gal	0.1	Calculation	
B07082466-001	Aqueous	8/25/2007 17:07	8/28/2007	9/5/2007	Hardness as CaCO3		6 mg/L	1	A2340 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		158 mg/L	1	A1030 F	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Carbonate as CO3	ND	mg/L	1	A2320 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Potassium	ND	mg/L	1	E200.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sodium		12 mg/L	1	E200.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3		113 mg/L	1	A2340 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	pH		7.9 s.u.	0.1	A4500 H	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Chloride		1 mg/L	1	E300.0	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Magnesium		8 mg/L	1	E200.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Calcium		32 mg/L	1	E200.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.53 mg/L	0.05	E353.2	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		6.6 grain/gal	0.1	Calculation	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Conductivity		274 umhos/cm	1	A2510 B	Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Irrigation Classification	-	mg/L	1	A2320 B	Visual
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Uvestock Suitability		155 mg/L	1	A2320 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Bicarbonate as HCO3		127 mg/L	1	A2320 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		10 mg/L	1	E300.0	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sulfate		mg/L	0.03	E200.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Iron	ND	mg/L	1	E200.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Calcium	ND	mg/L	1	E200.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Sodium		113 mg/L	1	E200.7	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		210 mg/L	1	A2320 B	
B07082466-015	Aqueous	8/25/2007 18:46	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.25 mg/L	0.05	E353.2	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Bicarbonate as HCO3		220 mg/L	1	A2320 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Carbonate as CO3		18 mg/L	1	A2320 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.1 grain/gal	0.1	Calculation	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Hardness as CaCO3		2 mg/L	1	A2340 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		276 mg/L	1	A1030 F	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Chloride	ND	mg/L	0.03	E200.7	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Sodium		113 mg/L	1	E200.7	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Hardness as CaCO3		210 mg/L	1	A2320 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	pH		0.25 mg/L	0.05	E353.2	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Potassium	ND	mg/L	1	E200.7	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Conductivity		466 umhos/cm	1	A2510 B	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Sulfate		20 mg/L	1	E300.0	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Chloride		3 mg/L	1	E300.0	
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Irrigation Classification	-	mg/L	1	E200.7	Visual
B07082466-018	Aqueous	8/28/2007 13:45	8/28/2007	9/5/2007	Uvestock Suitability		mg/L	1	E200.7	Visual
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Carbonate as CO3	ND	mg/L	1	E200.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Alkalinity, Total as CaCO3		218 mg/L	1	A2320 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Bicarbonate as HCO3		266 mg/L	1	A2320 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Hardness as CaCO3		6 mg/L	1	A2340 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Solids, Total Dissolved - Calculated		303 mg/L	1	A1030 F	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Magnesium	ND	mg/L	1	E200.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Sulfate		29 mg/L	1	E300.0	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Iron		4 mg/L	1	E300.0	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Chloride		121 mg/L	1	E200.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Sodium		8.1 s.u.	0.1	A4500 H	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	pH		1.13 mg/L	0.05	E353.2	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Nitrogen, Nitrate+Nitrite as N		0.03 mg/L	0.03	E200.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Iron		3 mg/L	1	E200.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Calcium		506 umhos/cm	1	A2510 B	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Potassium	ND	mg/L	1	E200.7	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Hardness as CaCO3 - Grains		0.4 grain/gal	0.1	Calculation	
B07082466-004	Aqueous	8/25/2007 19:08	8/28/2007	9/5/2007	Irrigation Classification	-	mg/L	1	E200.7	Visual

APPENDIX D
Water Rights Information

: 07 07 10:49p
w Chief Meadows is a south central Montana rural subdivision an...

P.2
<http://www.crowchief.com/lot.htm>

FULL DESCRIPTION

Crow Chief Meadows

THE COVENANTS

PHOTO GALLERY

AVAILABLE LOTS

PROJECT HISTORY

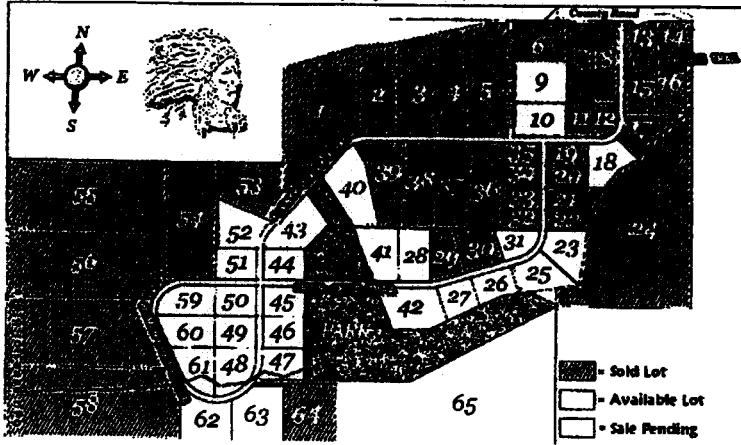
SUBDIVISION MAP

"CROW COUNTRY"

CONTACT US

MAJOR SUBDIVISION LOTS

Crow Chief Meadows near Absarokee, Montana
As of Friday September 21, 2007



AVAILABLE LOTS

- Lot 9 - 4.0314 acres Sale Pending
- Lot 10 - 3.6785 acres Sale Pending
- Lot 18 - 3.3149 acres
- Lot 23 - 3.4037 acres
- Lot 25 - 3.4437 acres
- Lot 28 - 2.3850 acres
- Lot 27 - 2.4917 acres
- Lot 28 - 3.6632 acres
- Lot 31 - 2.1436 acres
- Lot 40 - 5.7013 acres Sale Pending
- Lot 41 - 3.9526 acres Sale Pending
- Lot 42 - 5.2771 acres Sale Pending
- Lot 43 - 4.4324 acres Sale Pending
- Lot 44 - 2.7548 acres
- Lot 45 - 2.7548 acres
- Lot 46 - 2.7548 acres
- Lot 47 - 2.8322 acres
- Lot 48 - 3.5443 acres
- Lot 49 - 2.7548 acres
- Lot 50 - 2.7548 acres
- Lot 51 - 2.7381 acres
- Lot 52 - 4.0800 acres
- Lot 59 - 3.5433 acres Sale Pending
- Lot 60 - 3.5038 acres
- Lot 61 - 3.2842 acres
- Lot 62 - 4.4288 acres
- Lot 63 - 5.5473 acres
- Lot 65 - 40.2846 acres

SOLD LOTS— 37 total lots SOLD; 7 pending sales; 21 lots still available for sale.

- Lot 1
- Lot 2
- Lot 3
- Lot 4
- Lot 5
- Lot 6
- Lot 7
- Lot 8
- Lot 11
- Lot 12
- Lot 13
- Lot 14
- Lot 15
- Lot 16
- Lot 17
- Lot 19
- Lot 20
- Lot 21
- Lot 22
- Lot 24
- Lot 29
- Lot 30
- Lot 32
- Lot 33
- Lot 34
- Lot 35
- Lot 36
- Lot 37
- Lot 38
- Lot 39
- Lot 53
- Lot 54
- Lot 55
- Lot 56
- Lot 57
- Lot 58
- Lot 64

← →
Crow Chief Meadows Inc.
P.O. Box 354 Absarokee, Montana 59001
(406) 328-4302 Fax (406) 328-7121
[Email](#)

APPENDIX E
Supporting Information

DNRC Monitoring Site Survey Data

ID	Site Name	Latitude	Latitude CI	Longitude	Longitude CI	Elevation	Elevation CI	Notes:
AAAA	State Section Well (base point)	45.48380645	0	-109.504526	0	4542.825	0	base station
AAAC	State Section Springs	45.48358488	0.048	-109.502383	0.039	4497.973	0.079	
AAAD	State Section Springs collection box	45.48366892	0.046	-109.5028212	0.036	4502.457	0.07	
AAAE	Zook Spring	45.49228189	0.042	-109.4911062	0.035	4423.019	0.067	
AAAF	Zook (spring box?)	45.49085467	0.042	-109.4916007	0.035	4416.21	0.066	
AAAG	Rex Monitor Well	45.50746458	0.039	-109.4915488	0.036	4376.649	0.063	
AAAH	Rex Spring #3	45.50925016	0.058	-109.4960009	0.056	4331.183	0.094	monitoring point
AAAI	Rex Spring #3 source	45.50801029	0.075	-109.4959157	0.058	4400.441	0.11	spring location
AAAJ	Rex Spring #2	45.5105404	0.081	-109.4958672	0.061	4289.823	0.155	
AAAK	Rex Spring #1	45.52086376	0.091	-109.497184	0.06	4159.392	0.091	monitoring point
AAAAL	Rex Spring #1 source	45.52102387	0.091	-109.496696	0.06	4174.476	0.091	spring location
AAAM	Rex House Well	45.52148904	0.141	-109.4968009	0.063	4161.704	0.108	
AAAN	Nash Well	45.51900432	0.114	-109.4818847	0.084	4153.206	0.127	
AAAO	Johnson Spring #1 tank	45.51812284	0.106	-109.4838195	0.064	4156.756	0.114	
AAAP	Johnson Spring #2	45.5207335	0.108	-109.4579341	0.066	4131.488	0.127	
AAAQ	Gravel Pit Springs	45.49772451	0.394	-109.4699039	0.373	4307.364	0.429	spring location
AAAR	Gravel Pit Springs source elevation	45.49775773	0.078	-109.4700198	0.048	4300.36	0.117	spring elevation
AAAS	Flanagan Springs	45.50124428	0.335	-109.4822111	0.333	4354.387	0.377	spring location
AAAT	Flanagan Springs source elevation	45.50131278	0.06	-109.4826333	0.037	4360.98	0.088	spring elevation
AAAU	Chandler Well	45.48586129	0.068	-109.4707241	0.049	4257.646	0.155	
AAAV	Bass Well	45.47021326	0.052	-109.5334114	0.052	4759.047	0.089	
AAAW	Brown Well	45.47760621	0.055	-109.5365136	0.041	4560.102	0.119	
AAAX	Rex Spring #6 tank	45.49555142	0.106	-109.5046325	0.042	4391.39	0.108	monitoring point
AAAY	Rex Spring #6 source pipe	45.49565644	0.116	-109.5044504	0.043	4395.348	0.114	spring location
AAAZ	Rex Spring #5 monitoring point	45.49866419	0.116	-109.505684	0.044	4388.097	0.112	monitoring point
AABA	Rex Spring #5 source	45.49894906	0.109	-109.5040681	0.043	4435.118	0.107	spring location
AABB	Rex Spring #4 tank	45.50472937	0.096	-109.5082205	0.043	4403.421	0.093	monitoring point
AABC	Rex Spring #4 source	45.50442135	0.087	-109.5078876	0.049	4428.889	0.136	spring location
AABD	GWM69 Benchmark	45.52236293	0.042	-109.5067804	0.021	4158.74	0.049	monument on concrete abutment (4156')
AABE	Borland Well #1	45.49174397	0.035	-109.4777307	0.022	4374.376	0.049	
AABF	Borland Well #2	45.48805643	0.035	-109.4826999	0.023	4359.75	0.053	
AABG	DNRC East Flume #2 (relocated)	45.48617707	0.04	-109.4795335	0.024	4282.653	0.054	

DNRC Monitoring Site Survey Data Continued

AABH	DNRC East Flume #2 (original)	45.48604598	0.035	-109.4793838	0.024	4282.215	0.054
AABI	Chandler Weir	45.48583782	0.034	-109.477351	0.026	4277.137	0.057
AABJ	DNRC Piezometer P5	45.48523343	0.032	-109.4845468	0.026	4316.402	0.061
AABK	DNRC Flume #1	45.48497918	0.031	-109.4859303	0.025	4320.595	0.057
AABL	DNRC Piezometer P4	45.48439584	0.031	-109.4854856	0.025	4323.486	0.057
AABM	DNRC Piezometer P3	45.48374354	0.032	-109.4917691	0.026	4366.159	0.057
AABN	DNRC Piezometer P2	45.48391995	0.03	-109.4955827	0.025	4402.53	0.056
AABO	DNRC Piezometer P1	45.48341278	0.029	-109.4984942	0.026	4436.457	0.056
AABP	Borland Spring 1 (BAT 1)	45.48330479	0.076	-109.4995509	0.028	4448.835	0.078
AABQ	New well in Lot 58	45.48397075	0.032	-109.4987751	0.026	4461.447	0.054

Source: R. Levens, DNRC, Helena

Private Well Data for Horse Creek Area From the Ground Water Information Center (GWIC)

Lot No.	Current Well Owner	GWIC ID	Township	Range	Section	Quarter	Quarter	Quarter	Latitude	Longitude	Altitude	Completion Date	Depth	Static Level	GP M	Elevation	Driller Name	Location Code
1	Walsh, Chambers	179441	04S	18E	15				45.492	-109.488		11/22/99	130	42	30		B&H	OCGWA
2	Baird	236299	04S	18E	15	NE1/4	NW1/4	NE1/4	45.493	109.487		03/05/07	270	75	12			OCGWA
3	Alley	185283	04S	18E	15				45.492	-109.484		11/13/00	300	125	1.5		B&H	OCGWA
3	Alley	185284	04S	18E	15	NE1/4	NW1/4	NE1/4	45.491	109.486	4430	11/16/00	300	50	11			OCGWA
4	Bailey																	OCGWA
11	Wassman	192450	04S	18E	14				45.491	-109.479		12/06/01	130	41	25		Pro Pump	OCGWA
12	Stebbins	192455	04S	18E	14				45.491	-109.478		11/16/01	110	35.91	50		Pro Pump	OCGWA
13	Lofstedt Erickson,	192456	04S	18E	14				45.493	-109.476		09/06/01	132	93.33	21		Pro Pump	OCGWA
15	Rice	198090	04S	18E	15				45.492	-109.477		08/05/02	160	70	25		Pro Pump	OCGWA
16	Duffy	195663	04S	18E	14				45.492	-109.476		04/23/02	120	63	30		Pro Pump	OCGWA
24	Balfany	216365	04S	18E	14				45.488	-109.472		11/18/04	250	84	5		AAQUA	OCGWA
29	Flynn	202657	04S	18E	15				45.488	-109.484		10/10/02	125	14.5	60		Pro Pump	OCGWA
30	Skorka	202653	04S	18E	15				45.487	-109.483		10/10/02	104	28.5	30		Pro Pump	OCGWA
36	Bretherich																	OCGWA
39	Harkey																	OCGWA
53	Kynast	236298	04S	18E	15	NE1/4	SE1/4	NW1/4	45.489	109.492		03/07/07	110	29	30			OCGWA
56	Poliseno	235627	04S	18E	15	NE1/4	SW1/4	NW1/4	45.488	109.496		04/30/07	103	29.5	21		Pro Pump	OCGWA
57	Poliseno	224961	04S	18E	15				45.494	-109.746		10/17/05	220	31	4		Pro Pump	OCGWA
	Borland	170592	04S	18E	14				45.492	-109.478		01/22/97	160	55	12		Pro Pump	OCGWA
	Borland	170594	04S	18E	15				45.489	-109.483		01/23/97					Pro Pump	OCGWA
	Borland	170593	04S	18E	15				45.488	-109.485		11/23/97	100		34		Pro Pump	OCGWA
	Crow Chief Meadows	224961	04S	18E	15	SW1/4	NE1/4	SW1/4	45.494	109.746		10/17/05	220	31	4		Pro Pump	OCGWA
	Borland	234528	04S	18E	15	SE1/4		NW1/4	45.488	109.493		09/19/06	170	44	8		Douglas Drilling	OCGWA
	Crow Chief Meadows	236748	04S	18E	15	NW1/4	NW1/4	SE1/4	45.484	109.488		06/29/07	101.5	24.2	43		Pro Pump	OCGWA
	Chandler	236303	04S	18E	14	NW1/4	NE1/4	NW1/4	45.492	109.474		05/16/07	130	69	35			OCGWA
	Flanagan	207401	04S	18E	10				45.495	-109.482		09/30/03	230	44	20		AAQUA	OCGWA
	Rex	101262	04S	18E	3				45.513	109.446		01/01/60	80	15	50			OCGWA

Private Well Data for Horse Creek Area From the Ground Water Information Center (GWIC) Continued

Gauthier	156921	04S	18E	3			45.519	-109.496		03/20/96	150	30	4.3	AAQUA	OCGWA	
Brown	162740	04S	18E	20			45.477	-109.539		10/10/96	400	70	5	B&H	ECGWA	
Bass	215571	04S	18E	20	SW1/4	NE1/4	SW1/4	45.470	109.533	4775	200	116.45			ECGWA	
Martin	126430	04S	18E	3			45.520	-109.497		11/19/91	110	40	20	Rock Creek	ECGWA	
Strobel	218386	04S	18E	3			45.517	-109.493		03/28/05	210	95	2	AAQUA	ECGWA	
Strobel	223149	04S	18E	3			45.517	-109.493		10/19/05	370	259	10	AAQUA	ECGWA	
Sostrom	228315	04S	18E	3			45.511	-109.493		08/17/06	390	248	15	AAQUA	ECGWA	
Kroh	99932	04S	18E	3	NE1/4	NE1/4	NW1/4	45.521	109.492	4180	05/27/83	210	65	5	Stillwater	ECGWA

Source:
GWIC,
2007

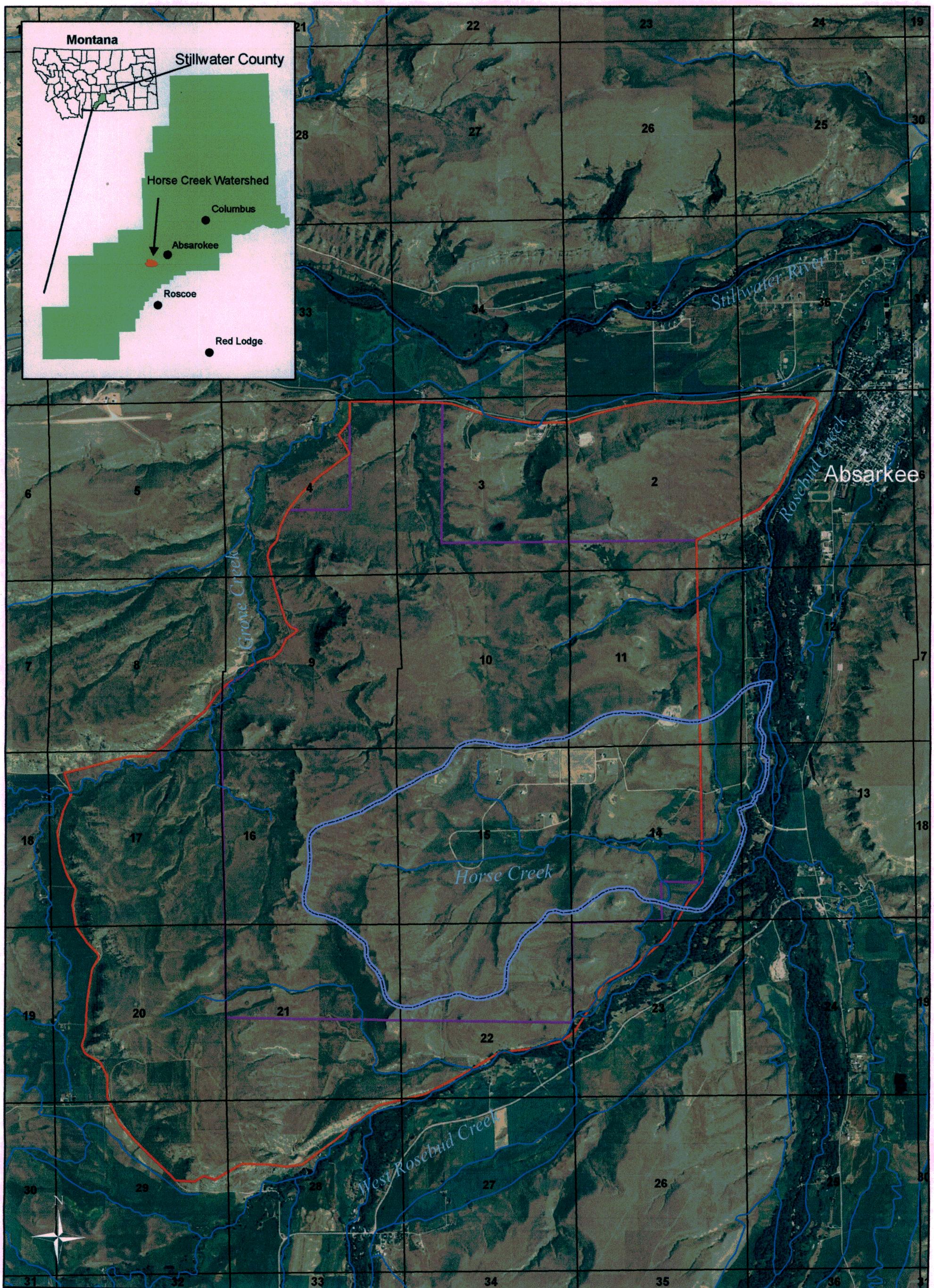
MAPS

Map 1. Location of Temporary and Proposed Horse Creek Groundwater Area

Map 2. Location of Groundwater and Surface Water Monitoring Sites.

Map 3. Geology Map

Map 4. Potentiometric Map of Horse Creek CGWA and vicinity



Legend

- Streams
- Proposed Controlled Groundwater Area
- Temporary Controlled Groundwater Area
- Hydrologic Divide

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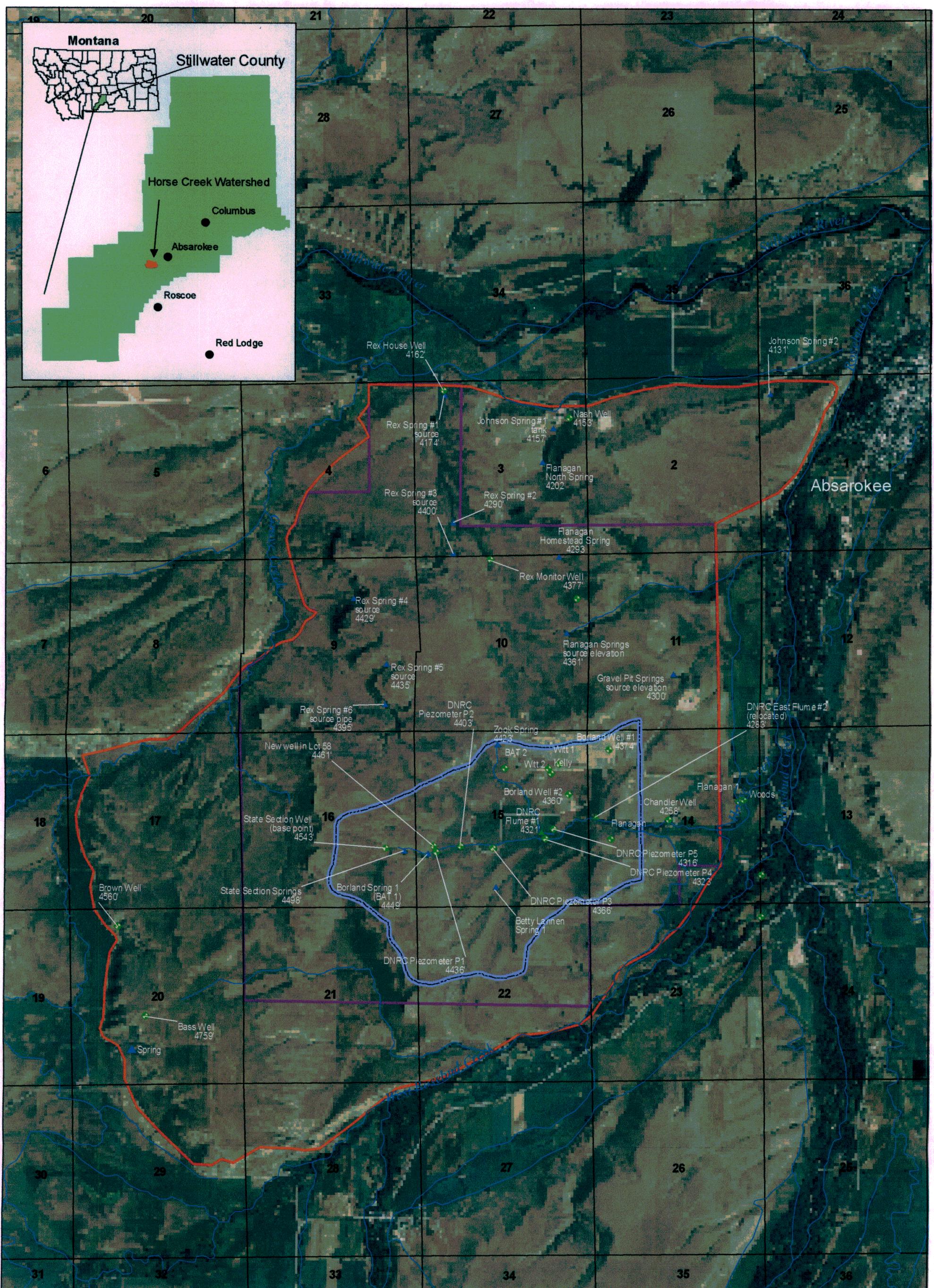
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Air Photo: Montana 2005 Color NAIP Orthophotos.

Prepared By: RyeSvingen/Jill Branch
Reviewed by: Tom Osborne
Production Date: October 9, 2007
Projection Information:
Name: NAD 1983 UTM Zone 12N
Datum: North American 1983
File: P:\HORSE CREEK\GIS\HOR03_Map1_Location.mxd



Map 1

Location of Temporary and Proposed Horse Creek Groundwater Area



Legend

- ▲ Spring
- ▲ Surface Water
- ◆ Well
- ~~~~ Streams
- Proposed Controlled Groundwater Area
- Hydrologic Divide
- Temporary Controlled Groundwater Area

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Miles

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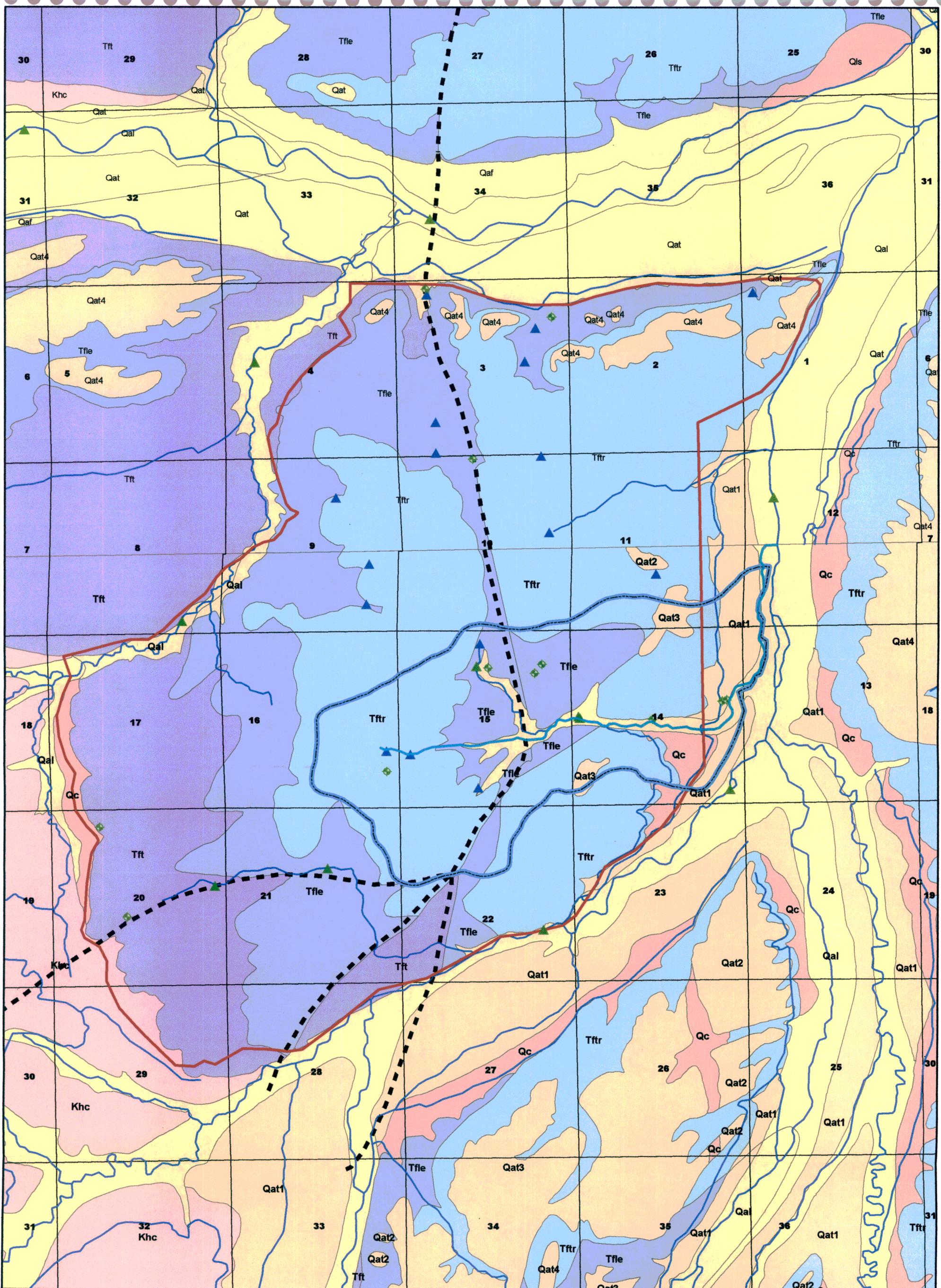
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Prepared By: RyeSvingen/JNB
Reviewed by: Tom Osborne
Production Date: October 10, 2007
Projection Information:
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Datum: North American 1983
File: P:\HORSE CREEKGIS\HOR03_Map2_sitemap.mxd



Map 2

Location of Groundwater and Surface Water Monitoring Sites



Legend

▲ Spring	Tfft, Tongue River
▲ Surface Water	Tfle, Lebo
◆ Well	Tfft, Tullock
~~~~ Streams	Khc
~~~~ Faults	Quat. Alluvium
~~~~ Hydrologic Divide	Klsr
~~~~ Proposed Controlled Groundwater Area	Qat1, 2, 3, 4, 5
~~~~	Qc, Qls, Qg

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Miles

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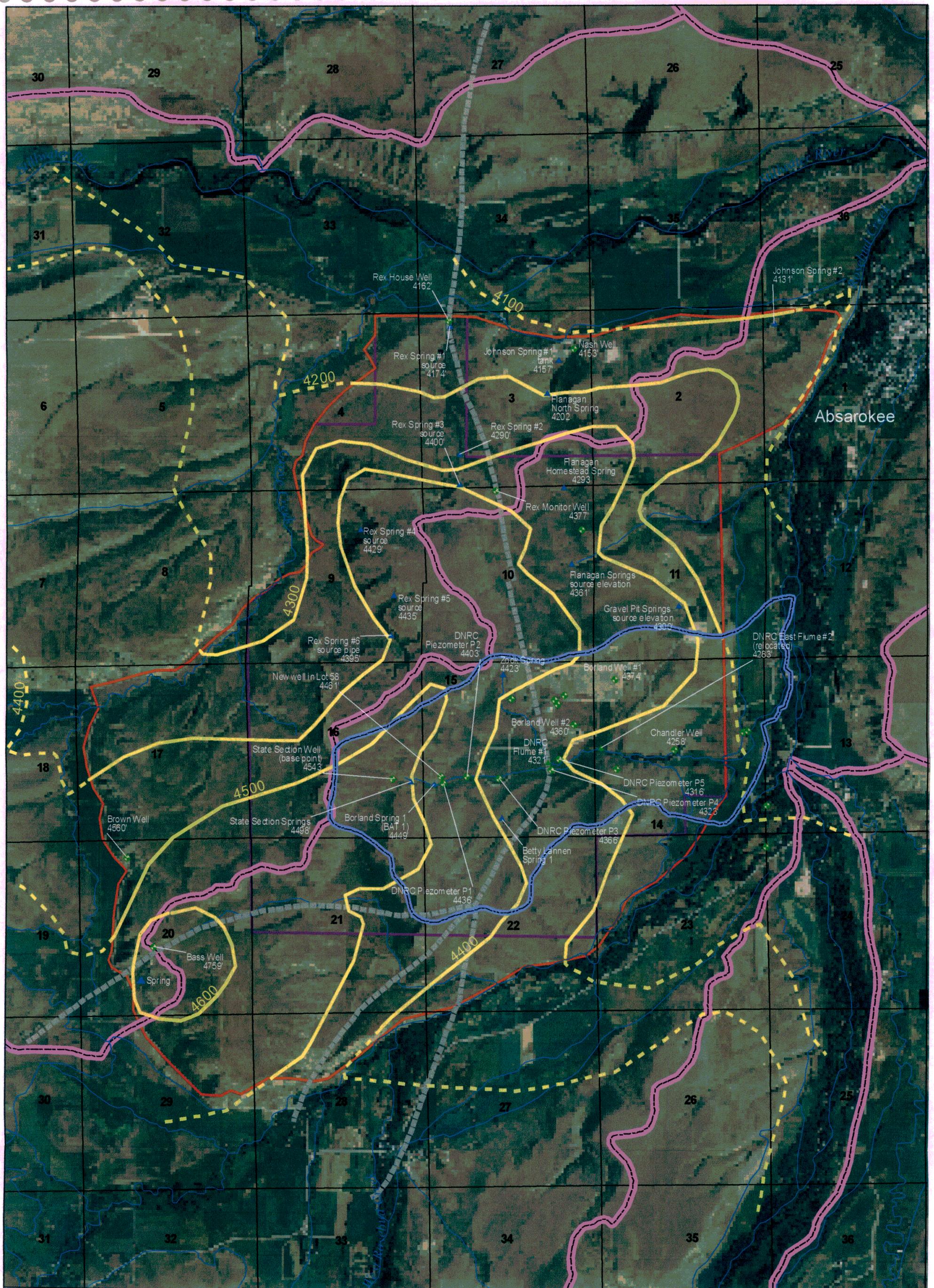
Source  
Air Photo: Montana 2005 Color NAIP Orthophotos.  
Geology: Montana Bureau of Mines and Geology,  
Red Lodge and Big Timber, 30'x60' Geologic Quad, 2001  
Groundwater Contours: HSI

Prepared By: Rye Svingen/JNB  
Reviewed By: Tom Osborne  
Production Date: October 10, 2007  
Projection Information:  
Name: NAD 1983 StatePlane  
Montana FIPS 2500  
Datum: North American 1983  
File: P:\HORSE CREEKGIS\HOR03_MAP3_Geology.mxd



Map 3

Geologic Map  
of Horse Creek CGWA  
and vicinity



#### Legend

- ▲ Spring
- ▲ Surface Water
- ◆ Well
- Fault
- ~ Streams
- 5th Order Basin
- Potentiometric Contour 100ft
- Dashed Where Estimated
- Proposed Controlled Groundwater Area
- Hydrologic Divide

Miles  
0 0.25 0.5 0.75 1  
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Source  
Air Photo: Montana 2005 Color NAIP Orthophotos.  
Groundwater Contours: HSI

Prepared By: RyeSvingen/JNB  
Reviewed by: Tom Osborne  
Production Date: October 10, 2007  
Projection Information:  
Name: NAD 1983 UTM Zone 12N  
Datum: North American 1983  
File: P:\HORSE CREEK\GIS\HOR03_Map4_potentiometric.mxd

**Hydro Solutions Inc**

#### Map 4

**Composite  
Potentiometric Map  
of Horse Creek CGWA  
and vicinity**